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CONTENTS OF VOL. XII

BULL. No. 47.— **Foraminifera from Venezuela and Trinidad.** By HELEN K. HODSON......... PL'S 1 - 8, Pp. 1 - 46

No. 48.— **Bibliography and Index of North American Mesozoic Invertebrata.** By F. L. Whitney.. 47 - 494

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9 192

BULLETINS
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Vol. 12

No. 47

FORAMINIFERA FROM VENEZUELA AND TRINIDAD

By

HELEN K. HODSON

December 24, 1926

Harris Co.
Ithaca, N. Y.
U. S. A.

INTRODUCTION

The collections upon which this article is based were made in Venezuela for an American company and in Trinidad by Prof. Harris. Only descriptions of species with general localities and general ages can be given at present, but later when the interests of the company permit, we hope to publish definite localities and stratigraphic ranges for the species. Fine distinctions between species and subspecies have been made for stratigraphic purposes; further work may make still closer distinctions advisable.

Among the many people to whom acknowledgments are due for help in this article are especially:

Prof. G. D. Harris for material from Trinidad and for the use of his laboratory at Cornell University.

Prof. F. L. Whitney of the University of Texas for an abundance of specimens of various species of *Orbitolina* from Texas and France for comparison.

Dr. Floyd Hodson for reading the manuscript and photographing the specimens as well as assisting frequently in the work.

DESCRIPTION OF SPECIES

Order FORAMINIFERA d'Orbigny

Family LITUOLIDAE Brady

Subfamily ORBITOLININAE Prever

Genus ORBITOLINA d'Orbigny

Orbitolina texana (Roemer) Pl. 1, figs. 2, 4.

Orbitulites texanus Roemer, 1849, Texas, p. 392.

Orbitulites texanus Roemer, 1852, Die Kreidebildungen von Texas, p. 86, pl. 10, figs. 7a, b, c, d.

Orbitolina texana (Roemer), P. L. Prever, 1905, Boll. Soc. Geol. Italiana, vol. 23, fasc. 3, p. 468.

Orbitolina texana (Roemer), J. A. Cushman, 1921, Thirteenth Annual Report, Fla. State Geol. Survey, p. 42.

Orbitolina texana (Roemer), D. O. Carsey, 1926, University of Texas Bull., No. 2612, p. 22, pl. 6, figs. 6a, 6b, 6c.

A comparison with specimens of *O. texana* (Roemer), *O. walnutensis* Carsey and *O. whitneyi* Carsey from Texas and *O. lenticulata* (Lamarck) from France was made possible by Prof. F. L. Whitney who kindly sent abundant material. The only difference between the specimens of *O. texana* from Texas and Venezuela is that those from the latter place are usually slightly smaller, although many are identical. *O. lenticulata* (Lamarck) is still smaller and thicker. *O. venezuelana* (Karsten)[1] as figured is a much smaller species even than *O. lenticulata* (Lamarck).

Although this is the most abundant form in the present collection, there occur with it flat and convex variations whose limits are marked by the two new subspecies *O. texana asaguana* and *O. texana monagasana*, respectively. These subspecies were found among the specimens of *O. texana* (Roemer) sent from Texas, also.

Age: Cretaceous (Aptian, *fide* Collet[2]).

Locality: Río Asagua, State of Monagas, Venezuela, locality number 2216.

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[1] Herman Karsten, 1866, Géologie de l'Ancienne Bolivarienne, etc., p. 62, pl. 6, fig. 6.

[2] L. W. Collet, Archives des Sci. Phy. et Nat., vol. 4, 1922, pp. 16–17.

Orbitolina texana asaguana, n. subsp. Pl. 1, figs. 6, 8.

This subspecies marks the limit of variation in *O. texana* (Roemer) toward being very convex. There are all gradations between the two forms and their convexity is the only difference.

Age: Cretaceous (Aptian, *fide* Collet, *l. c.*)

Locality: Río Asagua, State of Monagas, Venezuela, locality number 2216.

Orbitolina texana monagasana, n. subsp. Pl. 1, figs. 7, 9.

This subspecies marks the limit of variation in *O. texana* (Roemer) toward being flat. The two surfaces are only slightly concave and convex, respectively, instead of being moderately so. Otherwise, the two forms are similar and there are all gradations between the two.

Age: Cretaceous (Aptian, *fide* Collet, *l. c.*)

Locality: Río Asagua, State of Monagas, Venezuela, locality number 2216.

Orbitolina thompsoni, n. sp. Pl. 1, figs. 1, 5.

The test is fairly large, about 7–8 mm. in diameter, raised at the center and curled up on the edge like a wide hat. The other side is concave.

This species is easily distinguished from *O. texana* (Roemer) and its two new subspecies by the hump in the middle and the irregularly curled up edges. It does not attain the large size of *O. whitneyi* Carsey [1], is more raised at the center and not fluted on the edges. It is many times larger than *O. venezuelana* (Karsten), *l. c.* The form it most closely resembles was found among specimens of *O. texana* (Roemer) from Texas kindly sent by Prof. F. L. Whitney. However, these few from Texas are thicker and raised higher at the center.

Named in honor of Mr. V. A. Thompson, who collected the material.

[1] D. O. Carsey, 1926, University of Texas Bull., No. 2612, pp. 22–23, pl. 6, figs. 9a, 9b.

Age: Cretaceous (Aptian, *fide* Collet, *l. c.*)

Locality: Río Asagua, State of Monagas. Venezuela, locality number 2216.

Family NUMMULITIDÆ (H. Douvillé ?)

Subfamily NUMMULITINÆ Brady

Genus HELICOLEPIDINA Tobler

Helicolepidina spiralis Tobler

Lepidocyclina (*Helicolepidina*) *spiralis* Tobler, 1922, Eclogæ Geol. Helvetiæ, vol. 17, no. 3, pp. 380–384, figs. 1–3.
Helicolepidina spiralis Tobler, H. Douvillé, 1923, Eclogæ Geol. Helvetiæ, vol. 17, no. 5, pp. 566–569, figs. 1, 2.
Helicopelidina spiralis Tobler, H. Douvillé, 1924, Bull. Soc. Géol. France, vol. 23, pp. 375–376, figs. 3, 4.
Helicolepidina spiralis Tobler, G. D. Harris, 1926, Johns Hopkins University Studies in Geol., no. 7, p. 104, pl. 18, figs. 4, 5.

H. spiralis Tobler is a fairly common species usually occurring with forms intergrading between it and its new subspecies *tenuis.* The different shapes which this species assumes resemble the phases of *Lepidocyclina hubbardi* (n. sp.). *H. spiralis* Tobler corresponds to the fat form *L. hubbardi bolivarensis* (n. subsp.); *L. hubbardi* (n. sp.) with the swelling at the center, and its flat subspecies *aurarensis,* are similar to rare variations of *H. spiralis* Tobler which in the present collections are too scarce to be worthy of names; the common *H. spiralis tenuis* (n. subsp.) corresponds to an intermediate stage between *L. hubbardi* and its new subspecies *aurarensis.*

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality number 3256 (one specimen ?), 3268 (and variation), 3304, 3312 (variation), 3317; Point Bontour, Trinidad.

Helicolepidina spiralis tenuis, n. subsp. Pl. 1, figs. 11, 12.

The test is small and although it attains 4 mm., most of the specimens measure only slightly more than 2 mm. in diameter. It is thin, slightly raised at the center, where it does not surpass a millimeter in thickness, and slopes gradually to the wide fragile border. The surface is covered with an irregular mesh, with rudimentary papillæ at the center in a few specimens. The equatorial layer shows an embryon of 2 adjacent cells, one of which is larger than the other; frequently in grinding, the embryon looks unicellular as the smaller cell is about the size and shape of the central equatorial cells; the larger one is practically round and measures as an average 152μ [1] in diameter; the smaller one measures only slightly less in its greatest dimension and is hemispheric in shape. The equatorial cells are of various sizes; those forming the spiral are large; those at the periphery are large; there are numerous large cells at first surrounding the embryon, which farther out form the spiral; between the central larger cells and the large peripheral cells, there are many small ones; they vary in shape from ogival to almost hexagonal and are much wider than high; they attain 170μ in diameter. The vertical section is very thin; it shows one or two of the embryonic cells, a thin equatorial layer of irregular cells connected by single canals. The pillars are small and do not show except in the larger specimens.

This subspecies is so different from *H. spiralis* Tobler that at first it seemed specifically distinct. However, in many collections where both forms are found, it is impossible to divide the specimens into two species as there are so many forms intermediate between the fatter *H. spiralis* Tobler and the new thin subspecies *tenuis*. A very few are almost flat and one or two carry a hump in the center, but these are too scarce to be of interest at present.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality numbers 3306, 3316, 3317.

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[1] μ, a micron, is a thousandth of a millimeter.

Subfamily CYCLOCLYPEINÆ Brady

Genus DISCOCYCLINA Gumbel

Discocyclina mirandana, n. sp. Pl. 1, figs. 3, 10, 13.

The microspheric test is small and very thin, attaining 5.5 mm. in diameter; most of the specimens measure 3 mm. or less and are about as thin as possible. The whole surface of the test is ornamented with concentric circles of small, very sharp papillæ. The test gradually thins toward the edges, becoming so translucent that it shows the equatorial cells. The equatorial layer of this microspheric form is composed of distinctly rectangular cells which are small at the center but soon attain dimensions of about 70μ by 50μ. In vertical section the equatorial layer rapidly attains the width which it holds throughout the more adult part of the test; the individual equatorial cells are longer than high; the surface is papillate, but the pillars are indefinite.

The megaspheric form was not found for this species unless it is represented by one specimen of *Discocyclina* which was found in material from Point Bontour, Trinidad. This specimen was about 3.5 mm. in diameter, moderately convex and had an embryon of 2 half embracing cells.

D. mirandana (n. sp.) resembles *Pseudophragmina floridana* (Cushman) H. Douvillé[1] but its equatorial cells are like those of *Discocyclina* and the test attains scarcely half the size of the latter species.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3267, 3295, 3296, 3297, 3308, 3310, 3312, 3313, 3315, 3316, 3317, 3318.

Genus CISSEIS Guppy

Asterodiscus Schaufhäutl, 1863, Süd-Bayerns Lethaea Geognostica, pp. 107–108.

(Not *Asterodiscus* Ehrenberg, 1839, Abh. K. Ak. Wiss. Berlin, p. 130.)

Cisseis Guppy, 1866, Quart. Jour. Geol. Soc. London, vol. 22, p. 584.

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[1] H. Douvillé, 1924, Bull. Soc. Géol. France, vol. 23, p. 273, pl. 13, figs. 1–3.

11 Cl., X Bd., 11 Abth., pp. 688–689.
Asterocyclina Gümbel, 1868, Abhandl. der k-bayer. Akad. der Wiss., 11 Cl., X Bd., 11 Abth., p. 689.
Orthophragmina Munier-Chalmas, *partim*, 1891, Etude du Tithonique du Crétacé et du Tertiaire du Vicentin (Thèse de Doctorat), p. 18, *fide* H. Douvillé, Bull. Soc. Géol. France, 1922, p. 56.

As has previously been pointed out,[1] *Asteriatites* (1813), *Asteriacites* (1820) and *Asterodiscus* (1839) as originally used did not apply to Foraminifera. *Aktinocyclina* (1868), *Asterocyclina* (1868) and *Orthophragmina* (1891) are antedated by *Cisseis* (1866), which leaves *Cisseis* the generic name for this group. The genotype is *C. asterisca* Guppy, the only species described at the time. The gender of *asterisca* has been changed as originally it did not agree with the Latin, feminine, proper name, *Cisseis*.

Guppy's original description is as follows:

"Body small, depressed, unattached, divided into rays; oscula few, large, generally disposed along the summits of the rays, and surrounded by more numerous pores, which are developed on both surfaces."

For the present *Cisseis* may as well include all the orbitoids which have rectangular cells and are stellate. Since the rays usually show in the equatorial layer at a very young stage, making the concentric rings of equatorial cells polygonal rather than circular, the group seems sufficiently distinct biologically for generic rank; further, in North America they appear nicely limited to a relatively small stratigraphic unit, the Upper Eocene.[2]

Although there is quite a variation in the shape of the embryonic cells, it does not seem advisable to propose subgenera until there are more detailed descriptions of many of the species.

The following is a chronological list of some of the species which seem to fall under the genus *Cisseis*, although only fragmentary knowledge is available concerning some of them:

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[1] H. K. Hodson, Amer. Jour. Sci., vol. 12, 1926, pp. 353–354.
[2] T. W. Vaughan, 1924, Bull. Geol. Soc. Amer., vol. 35, p. 791.

Cisseis patellaris (Schlotheim, 1822)
Cisseis stellata (d'Archiac, 1846)
Cisseis radians (d'Archiac, 1848)
Cisseis furcata (Rutimeyer, 1850)
Cisseis stellaris (Brunner, 1850)
Cisseis pentagonalis (Schafhäutl, 1863)
Cisseis asterisca Guppy (1866)
Orbitoides asterisca Kaufmann (1867)[1]
Cisseis lucifera (Kaufmann, 1867)
Cisseis priabonensis (Gümbel, 1868)
Cisseis scarantana (Gümbel, 1868)
Cisseis stella (Gümbel, 1868)
Cisseis tenuicostata (Gümbel, 1868)
Cisseis variecostata (Gümbel, 1868)
Cisseis decorata (Schlumberger, 1904)
Cisseis gümbeli (Schlumberger, 1904)
Cisseis lanceolata (Schlumberger, 1904)
Cisseis munieri (Schlumberger, 1904)
Cisseis bayani (Munier-Chalmas, 1904)
Cisseis taramellii (Munier-Chalmas, 1904)
Cisseis rovasendai (Prever, 1904)
Cisseis colcanapi (R. Douvillé, 1906)[2]
Cisseis americana (Cushman, 1917)
Cisseis georgiana (Cushman, 1917)
Cushman mariannensis (Cushman, 1917)
Cisseis mariannensis papillata (Cushman, 1917)
Cisseis vaughani (Cushman, 1917)
Cisseis antillea (Cushman, 1919)
Cisseis subtaramellii (Cushman, 1919)[3]

[1] *fide* H. Douvillé, 1924, Mém. Soc. Géol. France, vol. 1, mem. 2,

[2] Annales de Paléontologie, vol. 1, 1906, p. 66, *fide* W. L. F. Nuttall, 1926, Records, Geol. Survey India, vol. 59, pt. 1, p. 151.

p. 19. This will have to be given another name if brought under *Cisseis.*

[3] Originally *subtaramellei, lapsus calami* for *subtaramellii.*

Cisseis crassicostata (H. Douvillé, 1922)
Cisseis pinguis (H. Douvillé, 1922)
Cisseis præradians (H. Douvillé, 1922)
Cisseis alticostata (Nuttall, 1926)
Cisseis asterisca venezuelana, n. subsp.
Cisseis asterisca zuliana, n. subsp.
Cisseis bontourana, n. sp.
Cisseis pariana, n. sp.
Cisseis harrisi, n. sp.
Cisseis trinidadensis, n. sp.
Cisseis weeksi, n. sp.
Cisseis weeksi maracaibensis, n. subsp.
Cisseis parva, n. sp.
Cisseis sanfernandana, n. sp.
Cisseis aurarensis, n. sp.

Cisseis asterisca Guppy Pl. 2, figs. 1, 2, 10.

Cisseis asteriscus Guppy, 1866, Quart. Jour. Geol. Soc. London, vol. 22, p. 584, pl. 25, figs. 19 a–b.
Tinoporus asteriscus Guppy, 1892, Quart. Jour. Geol. Soc. London, vol. 48, pp. 534–535.
? *Cisseis asteriscus* Guppy, H. Douvillé, 1924, Mém. Soc. Géol. France, vol. 1, mém. 2, p. 19.
? *Creseis asterodiscus* R. J. L. Guppy, T. W. Vaughan, 1924, Bull. Soc. Geol. Amer., vol. 35, p. 793.
Asteracites asteriscus (Guppy) Harris, 1926, Johns Hopkins University Studies in Geol., no. 7, p. 104, pl. 18, fig. 3.

Guppy's original description:

"Body divided into obtuse, somewhat carinate rays, generally four, but occasionally more; oscula disposed along the summits of the rays, and particularly on the subconical apex; pores numerous.

"The oscula, or larger apertures, are disposed in a group of seven or eight upon the apex, from which a row is continued along the summit of each ray. The general form of the body is that of a small *Palmipes*. Between the rays and towards the margins the pores become smaller and less distinct.

"The nature of this body is so problematical that my object in describing it is rather to make known its existence, and possibly to obtain some hint as to its true nature, than to draw any inference from its occurrence. It is found in considerable numbers among the *Orbitoides* and *Nummulinæ* at San Fernando, in Trinidad. As it appears by its structure to be more akin to the fossil sponges than to any other organisms, I have described it as such, at the same time giving it a generic name which does not involve any view as to its true affinities. It may possibly be a Foraminifer; but the nature of the pores and the want of division seem to be against that view, and the same characters appear to preclude our placing it with the Echinodermata. In all the specimens I have examined the pores are filled with a mineral infiltration, in a similar manner to those of the *Orbitoides*. The structure is perhaps as near to that of *Sparsispongia* as to that of any other organism."

The megaspheric test is bilaterally symmetrical and averages about 4.2 mm. in diameter. It consists of 4 rays, and is ornamented only slightly by the inconspicuous ends of the pillars. The 4 points or rays of the test are usually somewhat unequal in length. Down the middle of each of these is an irregular row of larger pillars whose ends are just visible at the surface. The test itself is somewhat swollen on each side at the center and ornamented there with the ends of 6–10 larger pillars like those running down the middle of the rays. Each pillar is surrounded at the surface with a single ring of about a dozen very small cells. The horizontal section shows a first round embryonic cell (about 104μ in diameter) half surrounded by another slightly larger one (about 143μ in diameter). The succeeding rows of very small rectangular equatorial chambers are polygonal at first, due to an increase in the number and length of the cells directly under the external rays; then they gradually become star-shaped, assuming the outline of the test. A vertical section through two of the rays usually shows the two embryonic cells, although it sometimes shows only one. In such a section the pillars are strong, especially the larger ones in the middle of the test and in the middle of the rays; the equatorial layer is very thin near the embryonic cells, but gradually widens out in the rays until at the tips the cells measure 143μ as an average of several sections. The lateral cells are more numerous at the center and thin out toward the periphery, making three scallops on each side of the test; the scallop formed by the center is shorter and higher; there are only about two rows of lateral cells on each side of the equatorial layer at the tips of the rays where the equatorial layer is thickest.

In Venezuela this species does not appear to be so abundant at any locality as it is at Point Bontour, Trinidad.

The microspheric form is unknown.

Since the holotype of *C. asterisca* Guppy seems to be lost, we have chosen topotypes from a bed at Point Bontour which held mostly 4-rayed specimens, and then selected apotypes which most closely corresponded to Guppy's figures and description.

As previously mentioned, the gender of the specific name has been changed to agree with that of the generic.

Age: Eocene.

Locality: Districts of Miranda and Bolivar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3268 (variation), 3301 (variation), 3315, 3316; Point Bontour, San Fernando, Trinidad.

Cisseis asterisca venezuelana, n. subsp. Pl. 2, fig. 6.

This subspecies is very close to *C. asterisca* Guppy in its general shape and ornamentation, but the large size of the test is striking as it attains 5–6 mm. instead of the usual 4 mm. The adjacent edges of the rays are usually thinner and slightly more produced than in the species, making the peripheral outline more rounded and the test flatter.

This subspecies marks the limit in the broadening and flattening of *C. asterisca* Guppy and is usually not so abundant as the intergrading forms.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256 and 3265; Point Bontour, San Fernando, Trinidad.

Cisseis asterisca zuliana, n. subsp. Pl. 2, fig. 7.

This subspecies is easily distinguished from *C. asterisca* Guppy by its larger size, more elongate rays, and more pronounced keel down the middle of each ray.

Suggestions of this form are found at Point Bontour, Trinidad, but there they seem merely variations and none of them is so distinctly developed or reaches the large size of those from Venezuela.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3316, 3317.

Cisseis bontourana, n. sp. Pl. 2, figs. 4, 8, 11.

The megaspheric test is small, 4-rayed, rotund and fairly symmetrical. The center forms the larger part of the test and is ornamented with the slightly raised terminals of about a dozen large pillars; the rays are small and carry only a few large pillars. The pillars are each surrounded with about a dozen fair sized lateral cells and separated from each other by about 2 rows of them. The horizontal section shows a small embryonic cell, about 104μ in diameter, half surrounded by a larger one about 119μ in diameter; the equatorial cells are those typical of the genus and show the position of the 4 external rays. The vertical section through 2 of the rays shows the large globular center with many large pillars and the small pointed rays; the equatorial layer is very thin at the center and grows gradually wider toward the ends of the rays.

The microscopic form has not been found.

This species is easily distinguished from similar ones by its rotundity and smaller size. The rays are shorter than in *C. asterisca* Guppy.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Cisseis pariana, n. sp. Pl. 2, figs. 3, 5, 9.

The megaspheric test is 5 (sometimes 6) rayed, thin, irregular in outline, only slightly raised at the center and down the rays. The pillars are mostly small, but there are larger ones on the rays and especially at the center where there are about two dozen; each is surrounded with a circle of about 10 small cells, and adjacent pillars are usually separated by two complete contiguous circles of these small lateral cells. The rays are unequal and short. The horizontal section shows a first embryonic chamber about 129μ in diameter, half surrounded by one about 161μ in diameter. The cells of the equatorial layer are typical of the genus and are arranged in rays corresponding to the external form. The vertical section is flatly ellipsoid with a very thin equatorial layer whose cells increase in size along the axes of the rays; the pillars are sometimes extremely large at the center or in the middle of the rays but most of them are small.

The microspheric form is unknown.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256 and 3265 (?); Point Bontour, San Fernando, Trinidad.

Cisseis harrisi, n. sp. Pl. 3, figs. 1, 2, 6.

The megaspheric test is thin, almost flat, rather square, with 4 rays whose points scarcely project beyond the periphery; it is only very slightly swollen, if any, at the center and down the rays. The whole surface is covered with very small, evenly sized papillæ which are only slightly larger at the center and on the rays; each pillar is surrounded by a circle of about 8 cells and usually separated from adjacent ones by 2 contiguous circles of these lateral cells. The horizontal section is almost square in outline, composed of rather large, rectangular median chambers differentiated into 4 rays; the smaller embryonic chamber measures about 129μ and the larger half embracing one about 150μ in diameter. The vertical section through the center is thin and of a uniform thickness until almost at the periphery where it narrows abruptly; the equatorial layer increases in width toward the periphery in the rays; the pillars are slender and fairly numerous.

The microspheric test is unknown.

Named in honor of Prof. G. D. Harris, who collected the material.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Cisseis trinidadensis, n. sp. Pl. 3, figs. 4, 7, 10.

The megaspheric test is 5-rayed, rather plump and ornamented with 15–20 larger pillars at the raised center and with a few more down the rays. The rays are slender, prominent and unequal; one of them is especially long. The pillars are separated usually by 2 contiguous circles of small cells. The horizontal section shows the outline of the test with the typical equatorial cells differentiated into 5 rays; the embryonic cells were recrystallized, but the larger one measures about 150μ in diameter. The vertical section through a ray is slightly scalloped in outline; in vertical section the equatorial cells are unusually large through the center of a ray, increasing in width toward the periphery; the numerous wide pillars are interspersed among the lateral chambers.

The microspheric form has not been found.

This species seems to resemble *C. taramellii* (Munier-Chalmas) (*partim*),[1] but the equatorial layer increases in width in the rays as it approaches the periphery instead of remaining uniform as in the latter.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality numbers 3268, 3316; Point Bontour, San Fernando,

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[1] Ch. Schlumberger, 1904, Bull. Soc. Géol. France, vol. 4, p. 131, pl. 6, figs. 41, 42.

Trinidad.

Cisseis weeksi, n. sp. Pl. 3, figs. 3, 5, 8.

This peculiar form is probably almost square, but it is so thin and fragile that all the specimens were somewhat broken. The surface is somewhat papillate, especially at the slightly raised center and down the 4 diagonal, raised rays; on the edges of the test between the rays, the rectangular equatorial cells are visible by transmitted light. The rays are not enlarged in the middle but are of rather even size from the center to the periphery. The pillars are small. The equatorial layer is very difficult to section as it is irregular and not all in one plane. The equatorial cells are small and typical in shape surrounding the half embracing embryonic cells which measure 134μ and 102μ, respectively.

The microspheric form is unknown.

Named in honor of Mr. L. G. Weeks who made most of the Venezuelan collections used in this article.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela. locality number 3256.

Cisseis weeksi maracaibensis, n. subsp. Pl. 3, fig. 9.

This subspecies has much the same general square form and thinness as the species, but the center and rays are raised higher. The center, especially, is more papillate. carrying about a dozen prominences. Like the species, this form is so thin that it is easily broken and no perfect specimens were found. The equatorial layer is warped; the rectangular cells are of a fair size and specialized to form the 4 rays; the larger embracing embryonic cell measures about 150μ, the smaller one about 108μ.

C. weeksi maracaibensis (n. subsp.) resembles the figures of *C. georgiana* (Cushman)[1] but is only about half the size of the latter.

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[1] J. A. Cushman, 1920, U. S. Geol. Survey Prof. Paper 125-D, p. 45, pl. 10, fig. 1.

The microspheric form is unknown.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3256.

Cisseis parva, n. sp. Pl. 4, figs. 2, 4.

The megaspheric test is small, convex at the center, thin at the edges. It carries 4 rays, one of which is longer and more prominent than the rest. At the center there are about 6 large papillæ which are more prominent than the rest on the test. The rays are not raised much in height from the general plane of the test, but are ornamented by occasional large papillæ and project irregularly beyond the periphery. The lateral cells are large, rather irregular, and easily visible on the plump part of the disk; at the thin edges the rectangular medial cells sometimes show through. The cells of the horizontal layer are rather irregular in size and specialized into 4 narrow rays. The larger embryonic cell measures about 150μ, the smaller one 108μ.

The microspheric form is unknown.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3256.

Cisseis sanfernandana, n. sp. Pl. 4, fig. 3.

The test is 5-rayed, large, measuring about 6.5 mm. and webbed between the rays. On one side the rays and center are sharply elevated above the rest of the test and the pillars are so large that their surface extremities are transversely elongated across the rays; this makes the rays resemble chickens' legs with overlapping scales. On the same side, the area between the rays shows a small fold well out toward the periphery; this prominence is ornamented with terminals of pillars slightly larger than those on the flat portion of the test. On the opposite side, the rays are less prominent and the area between them is flat and bears only small terminals of pillars. The ends of the pillars are only slightly raised above the surface and there is no network.

This species is so rare at Point Bontour that not enough specimens were available for sectioning.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Cisscis aurarensis, n. sp. Pl. 4, figs. 1, 6, 7, 8.

The test is of medium size, convex at the center, covered with an irregular mesh which is coarse at the center. The rays are produced beyond the main part of the test in narrow straight projections resembling the rays on *Lepidocyclina martini* Schlumberger,[1] and different from those on most of the other species of *Cisscis*. These are very easily broken off and seldom preserved fast to the test. The equatorial layer has an embryon of two half embracing cells, which together measure about 160μ. The large rectangular equatorial cells are arranged to form 5–8 rays. In vertical section the equatorial layer increases in width in the rays toward the periphery; the pillars are very strong at the center.

This species is easily distinguished from the others as it looks more like a stellate *Lepidocyclina* than like a *Cisscis*.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality numbers 3283 (or variety), 3315, 3316, 3318, 3344 (or variety).

Genus LEPIDOCYCLINA Gumbel

Subgenus LEPIDOCYCLINA (s. s.)

Lepidocylina (Lepidocyclina) trinitatis H. Douvillé Pl. 4, fig. 10.

Isolepidina pustulosa A H. Douvillé, 1917, Comptes Rendus Acad. Sci., vol. 164, p. 844, fig. 3, *non* fig. 4.

Isolepidina Trinitatis H. Douvillé, 1924, Bull. Soc. Géol. France, vol. 1, mém. no. 2, pp. 34–35, figs. 7–12, pl. 1, fig. 1.

Lepidocyclina (*Lepidocyclina*) *trinitatis* H. Douvillé, T. W. Vaughan, 1924, Bull. Geol. Soc. Amer., vol. 35, p. 797.

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[1] C. Schlumberger, 1900, Samm. Geol. Reichs. Leiden, Ser. 1, Band 6, Heft 3, p. 131, pl. 6, figs. 5–8.

Isolepidina trinitatis H. Douvillé, G. D. Harris, 1926, Johns Hopkins University Studies in Geol., no. 7, pp. 104, 107.

L. trinitatis H. Douvillé in its megaspheric and microspheric forms is abundant at Point Bontour, Trinidad, and many localities in Venezuela. It usually occurs with many variations; two of the more common are described subsequently as subspecies.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3303 (?), 3305, 3312; Point Bontour, San Fernando, Trinidad.

Lepidocyclina trinitatis caribbeanensis, n. subsp. Pl. 4, fig. 5.

This subspecies includes the forms of *L. trinitatis* H. Douvillé which have the keel greatly extended. There are all variations between the species (*s. s.*) and the two new subspecies *caribbeansis* and *venezuelana*. The cells are a little more irregular in arrangement than in the species (*s. s.*) and the embryon attains almost 600μ.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3308 (?); Point Bontour, San Fernando, Trinidad.

Lepidocyclina trinitatis venezuelana, n. subsp. Pl. 4, fig. 9.

This form differs from *L. trinitatis* H. Douvillé (*s. s.*) by being flatter on one side. The test is like that of the species (*s. s.*) on one side but the other side is only slightly convex instead of being so very high. There are all gradations between this subspecies, the species (*s. s.*) and the other new subspecies *caribbeanensis*. The vertical and horizontal sections show that the equatorial layer is not in one plane but is raised at the center toward the more convex side; this makes it equidistant between the two discoid surfaces. A similar raising of the center of the equatorial layer is usually found in forms which are not bilaterally symmetrical. The embryon attains 600μ in diameter.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3301; Point Bontour, San Fernando, Trinidad.

Lepidocyclina (Lepidocyclina) bontourana, n. sp. Pl. 5, figs. 2, 4, 5.

This species resembles very closely *L. trinitatis* H. Douvillé which is so abundant at Point Bontour. Although *L. bontourana* (n. sp.) measures only about 2.4 mm. in diameter, the megaspheric tests of the two species are almost identical externally,—very rotund, almost globular, and with a narrow border at the edge. Internally, the embryon of 2 cells is very large, measuring from about 770 to 860μ in diameter contrasting with the much smaller one in *L. trinitatis* H. Douvillé. In horizontal section the embryon of this species is surrounded with a layer, usually single, of very narrow equatorial cells that sometimes extend almost a quarter of the way around it. Outside of these, the cells gradually assume an ogival shape and measure about 75μ in diameter. In vertical section the pillars are irregular in size and arrangement; the equatorial layer on each side of the large embryon is short and composed of large cells.

Only the megaspheric form has been recognized. The microspheric forms of *Lepidocyclina* are usually not given a specific determination in this article because in most localities there are many species which are so much alike that it is impossible to tell which microspheric forms correspond to the various megaspheric forms.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Lepidocyclina (Lepidocyclina) hubbardi, n. sp.
Pl. 5, figs. 1, 3, 7, 11.

The megaspheric test is very thin and attains 5.5 mm. in diameter. The center is somewhat swollen, ornamented in the adult with a mesh carrying about a dozen small papillæ which mark the ends of the pillars. This is bordered by a wide, thin margin which shows the cells of the equatorial layer. It is abundant at some localities and varies somewhat in shape. Some of the specimens have the center higher on one side than on the other; in some, the central swelling spreads out farther, narrowing the thin border, in others it is more centralized and the border is wider. The horizontal section shows an embryon of 2 subequal cells measuring as an average 470μ, but attaining 560μ, as in *L. trinitatis* H. Douvillé. The equatorial cells are ogival and arranged in intersecting curves; the first ones are larger, measuring around 170μ; the peripheral ones, smaller, measuring about 64μ. The vertical section of an adult shows an equatorial layer markedly increasing in width toward the periphery where it forms the major part of the test; the pillars are strong at the center especially in the fatter forms, irregular in arrangement and end in papillæ.

This species usually occurs together with its two new subspecies *bolivarensis* and *aurarensis*. At Point Bontour, Trinidad, it is more rare than in Venezuela and shows some variation, having usually a smaller embryon and cells; however, the specimens from the two localities are specifically identical. Only the megaspheric form has been recognized.

Named in honor of Dr. B. Hubbard.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3262 A, 3265, 3267, 3301, 3303 (and variation), 3308 (and variation), 3314, 3315, 3318; Point Bontour, San Fernando, Trinidad.

Lepidocyclina hubbardi bolivarensis, n. subsp.

Pl. 5, fig. 10; Pl. 6, fig. 1.

This subspecies comprises the variations of *L. hubbardi* (n. sp.) which are fatter and have an evenly convex surface instead of a hump at the center with a thin border at the edge, as is characteristic of the species (*s. s.*). *L. hubbardi bolivarensis* (n. subsp.) is thicker than the other new subspecies *aurarensis*. The equatorial layer is like that of the species (*s. s.*).

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela locality numbers 3256, 3265, 3267, 3301, 3314, 3316; Point Bontour, San Fernando, Trinidad.

Lepidocyclina hubbardi aurarensis, n. subsp. Pl. 5, figs. 6, 8, 9.

This subspecies marks the limit of variation in *L. hubbardi* (n. sp.) toward a very thin form lacking the central hump.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3316, 3318; Point Bontour, San Fernando, Trinidad.

Lepidocyclina (Lepidocyclina) weeksi, n. sp. Pl. 6, figs. 6–8.

The test is small, moderately convex, and without any encircling collar or thin margin. The surface is covered with an irregular mesh. The equatorial layer has a bicellular embryon measuring about 450–700μ in diameter; the ogival equatorial cells are larger at first and later become more regular, arranged in intersecting curves, and measure about 60–80μ. The vertical section shows a good sized embryon, irregularly arranged pillars and large lateral cells; the equatorial band scarcely increases in width laterally.

It is closest to *L. trinitatis* H. Douvillé, but is thinner, lacks the encircling collar and has a little larger embryon.

Only the megaspheric form is known, but with this species occurs a microspheric form which may be specifically identical. Due to the similarity in the arrangement of pillars and in the size and shape of the equatorial cells in *L.* (*Polylepidina*) *mirandana* (n. sp.) and *L.* (*Lepidocyclina*) *weeksi* (n. sp.), both of which are found in the same collection, one cannot tell of which species this is the microspheric form. The cells of this unidentified microspheric form are more elongate and closer together and the walls thinner than in the microspheric form of *L. trinitatis* H. Douvillé; most of the specimens are usually a little smaller.

Named in honor of Mr. L. G. Weeks, who collected most of the Venezuelan material used in this article.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3262 A, 3265, 3267, 3268, 3301, 3304, 3305, 3312, 3317; Point Bontour, San Fernando, Trinidad.

Lepidocyclina (Lepidocyclina) maracaibensis, n. sp. Pl. 6, figs. 2–4.

The test is small, attaining 1.6 mm. in diameter. It is very fat, peaked at the center, and slopes rapidly down to the rather thin encircling collar. The surface is covered with a coarse irregular mesh without much evidence of pillars. The equatorial layer shows an embryon of two subequal cells surrounded by a common wall; they measure about 268μ in diameter; the equatorial cells are a little larger at first, about 75μ, later decreasing to about 53μ in diameter where they are arranged in intersecting curves. The vertical section shows an equatorial layer increasing in diameter toward the periphery. There are a few rather large irregularly spaced pillars which are especially apparent in the larger forms.

Only the megaspheric form has been found and this is rare.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3268.

Subgenus NEPHROLEPIDINA H. Douvillé

Lepidocyclina (Nephrolepidina) kochi, n. sp. Pl. 6, figs. 5, 9, 10.

The test is moderately convex with practically no encircling collar; it attains a little over 3 mm. in diameter. The surface of well preserved specimens is covered with an irregular mesh which is coarsest at the center where there are medium sized papillæ. The equatorial layer shows the striking feature of this species,—an embryonic apparatus intermediate between *Lepidocyclina* (*s. s.*) and *Nephrolepidina;* a very small percentage of the specimens are typical of the genus (*s. s.*), about one-fourth have a *Nephrolepidina* embryon and the rest are intermediate between the two. The embryon measures from 400 to 700μ, but most are about 500μ in diameter. The equatorial layer is composed of ogival cells arranged in intersecting curves; these are larger and more irregular at the center, but at the periphery they measure from 60 to 75μ in diameter. The vertical section shows that the equatorial layer increases in width laterally, and that the irregularly arranged pillars are stronger at the center.

Only the megaspheric form is known.

Named in honor of Dr. Rich. Koch.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3267, 3301, 3303, 3305, 3312, 3314, 3317; Point Bontour, San Fernando, Trinidad.

Subgenus POLYLEPIDINA Vaughan

Lepidocyclina (Polylepidina) zuliana, n. sp. Pl. 7, figs. 1–3.

The test is less than 3 mm. in diameter and about 0.5 mm. in height; flatly elliptical in outline, thinning gradually toward the periphery. The surface is ornamented with several fairly large papillæ; in the young specimens the cells of the equatorial layer are easily distinguishable on the margin, but in older ones the surface is covered with merely a coarse loose mesh. The equatorial layer shows a peculiar embryon about 480μ in diameter, of which usually 3 cells can be distinguished in a given section. The first equatorial cells are wider than high, ogival, large and irregularly arranged (about 100μ in diameter). Then they usually become smaller (about 50μ in diameter) and more regularly arranged in intersecting curves. The vertical section shows elliptical lateral cells and very indistinct pillars; the embryon is irregular and flanked by an equatorial layer of first irregular, and later ogival, almost square, cells which increase only slightly in size toward the periphery.

Only the megaspheric form is known.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3268.

Lepidocyclina (Polylepidina) mirandana, n. sp. Pl. 7, figs. 4–6.

The test is small, about 2.5 mm. in diameter, of moderate thickness, frequently higher on one side than the other, and frequently surrounded with a small projecting collar. The surface is usually weathered on the specimens available and shows only a rather coarse network. The equatorial layer is remarkably irregular in shape; the embryon usually shows 3 good sized cells and measures around 1.075 mm. in diameter; the ogival equatorial cells are a little larger at the center but soon measure about 75μ, some larger or smaller, and are arranged in intersecting curves. The vertical section shows a very long narrow embryon with irregular equatorial and lateral cells; the pillars are fairly numerous and vary in width and arrangement in the same specimen.

Only the megaspheric form was recognized although there is a microspheric form associated with it which may be of the same species. Due to the similarity of the arrangement of pillars and in the size and shape of the equatorial cells between *L.* (*Polylepidina*) *mirandana* (n. sp.) and *L.* (*Lepidocyclina*) *weeksi* (n. sp.), both of which are found in the same collection, one cannot tell to which of these the microspheric form belongs.

This species is easily distinguished from *L.* (*Polylepidina*) *zuliana* (n. sp.) by its larger pillars and more convex shape.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3312.

Lepidocyclina (Polylepidina ?) churuguaritana, n. sp. Pl. 7, figs. 7, 8.

This species is small, measuring not over 2.5 mm., doubly sellate, covered with a network which is coarser at the center. The form is rare but sometimes occurs with striking variations: it may be only slightly doubly sellate, typical, or so very doubly sellate that two ends or two adjacent edges or both may grow together making one side flat like the top of an ordinary *Lepidocyclina* while the other side may look like a wedge or spine. It was impossible to tell to what subgenus this species belongs as the embryon was not distinct enough in either vertical or horizontal sections to warrant a decision; it seemed to consist of 1, 2, or 3 cells which measured about 107μ each and seemed arranged in a row. What few equatorial cells were seen at the center were ogival. The vertical section shows a few poorly defined pillars.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3265, 3268, 3317.

Subgenus PLIOLEPIDINA H. Douvillé

Lepidocyclina (Pliolepidina) sp.

In the collections from Point Bontour, Trinidad, there is one specimen of what seems to be *L.* (*Pliolepidina*) *tobleri* H. Douvillé.[1] From one locality in Venezuela there was one specimen which had a practically identical equatorial layer, but whose other characteristics make it seem specifically distinct from *L. tobleri.* It seems to belong to the same subgenus, which had not as yet been recorded from Venezuela in the literature. From the same locality among the *Polylepidina* and *Pliolepidina*, are individuals with very strange embryons consisting of many cells of which one or two are tremendous in size and irregular in shape. They seem to be teratologic and are not found elsewhere. One embryon measured 2.9 mm. in greatest diameter.

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[1] H. Douvillé, 1924, Mém. Soc. Géol. France, vol. 1, mém. 2, pp. 43–44, figs. 34–35.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3312.

Genus MIOGYPSINA Sacco

Miogypsina hawkinsi, n. sp. Pl. 7, fig. 9; Pl. 8, figs. 1, 2.

The test does not exceed 2 mm. in diameter, is more convex on one side than the other, and covered with large papillæ. It is quite thick and the greatest thickness is reached just a little off center near the embryon; around the edge is a thin encircling collar which is usually broken. The equatorial layer shows the embryon near the periphery, consisting of one spherical cell measuring about 160μ and another larger one almost hemispherical, measuring about 215μ, placed above it a little diagonally to the long axis of the test. This second one is followed by the spiral of 5–7 cells, usually 6. The first of these is largest, measuring about the same as the first spherical cell of the embryon in its greatest dimension but it is more irregular in shape. The next cells are successively smaller until there is a very small one (usually the fifth) which is followed by the remaining larger ones. The equatorial cells are arranged in intersecting curves and are only slightly longer than wide, measuring usually 107 x 140μ; occasionally one attains 160μ in greatest diameter. A vertical section through the center shows prominently the first spherical cell of the embryon with a large cell above and two below it; the wide equatorial cells are almost square and thick walled; the lateral cells irregular; the pillars more prominent at the center.

This species is easily distinguished from *M. venezuelana* (n. sp.) by its very small size, by the position of the second embryonic cell which is obliquely above the first one instead of along side of it, and by the smaller size of the embryon. From *M. staufferi* Koch[1] it differs in being smaller, in carrying its embryon nearer the periphery, and in the size of the second embryonic cell which is relatively larger than the first one. From *M. cushmani* Vaughan[1] which it resembles more closely, it differs in the smaller size of the first embryonic cell, and the much smaller size of the equatorial cells (140–160μ instead of 200–249μ); this great difference in embryonic apparatus with no forms intergrading between the two would make the Venezuelan form of specific rather than subspecific rank.

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[1] Rich. Koch, 1926, Eclogæ geol. Helvetiæ, vol. 19, no. 3, pp. 751–753, pl. 28, figs. 1–3.

One dwarfed specimen was found whose first embryonic cells measured 107μ instead of 160μ, and all of the other cells were correspondingly small; the arrangement of the cells was typical of the species.

Named in honor of Mr. G. D. Hawkins, who helped collect the material.

Age: Oligocene-Miocene.

Locality: District of Buchivacoa, State of Falcón, Venezuela, locality number 3514.

Miogypsina venezuelana, n. sp. Pl. 8, figs. 3–6.

The test of this species is very large and thin and easily broken; consequently, only fragments have been found, but some of these pieces measure 7 mm. in diameter so that whole specimens must attain 10 mm. The outside is evenly covered with small, equal papillæ; one side is more convex than the other, but as yet the shape of the whole test has not been seen. The horizontal sections show the embryon situated near the periphery; it consists of 2 large distinct cells, one spherical and measuring about 215μ, the other at its side and more hemispherical, measuring about 270–300μ in its greatest dimension. The spiral which begins at the second cell of the embryon consists of 7–8 cells; the first 3 or 4 are successively smaller, the first and largest of which measures about 160μ and is usually irregular in

[1] T. W. Vaughan, 1924, Bull. Geol. Soc. Amer., vol. 35, pp. 802, 803, 813, pl. 36, figs. 4–6.

shape. These are usually followed by 1–3 very small irregular poorly defined cells, and then by 2 or 3 larger cells. One specimen was found in which the first cell of the spiral was almost as large as the first cell of the embryon but the section was slightly oblique and the individual probably a little abnormal. The equatorial cells are smaller near the embryon where they are rather square in shape and as small as 110μ; they increase in size toward the periphery and become increasingly diamond-shaped until at the side opposite the embryon they attain 320 x 215μ. The vertical sections are unsatisfactory as yet, for since most of the specimens are fragmentary it is hard to orient them right to produce a vertical section through the embryon; however, it can be seen that the lateral cells are small and numerous; the pillars are quite regular in size and distribution, ending in small papillæ on both surfaces of the test.

The species is strikingly different from all other discovered in the new world,—it is so large. The location of the second cell of the embryon is at one side instead of above the first cell of the embryon as in *M. staufferi* Koch, and the spiral cells are conspicuously smaller than the embryonic ones.

Age: Oligocene-Miocene.

Locality: District of Buchivacoa, State of Falcón, Venezuela, locality numbers 17, 2187, 3514.

PLATES

Printed plates furnished by Mr. and Mrs. Hudson

PLATE 1

FIGURE		PAGE
1.	**Orbitolina thompsoni,** n. sp. Holotype from Loc. No. 2216. Greatest diameter 7.3 mm	5
2.	**Orbitolina texana** (Roemer). From Loc. No. 2216. Greatest diameter 5 mm	4
3.	**Discocyclina mirandana,** n. sp. Paratype from Loc. No. 3256. Equatorial section. Greatest diameter 1.93 mm	8
4.	**Orbitolina texana** (Roemer). Vertical aspect. Same specimen as figure 2	4
5.	**Orbitolina thompsoni,** n. sp. Vertical aspect. Same specimen as figure 1	5
6.	**Orbitolina texana asaguana,** n. subsp. Holotype from Loc. No. 2216. Vertical aspect. Length 4.7 mm	5
7.	**Orbitolina texana monagasana,** n. subsp. Holotype from Loc. No. 2216. Vertical aspect. Length 5 mm	5
8.	**Orbitolina texana asaguana,** n. subsp. Same specimen as figure 6.	
9.	**Orbitolina texana monagasana,** n. subsp. Same specimen as figure 7.	
10.	**Discocyclina mirandana,** n. sp. Holotype from Loc. No. 3256. Greatest diameter 3.3 mm	8
11.	**Helicolepidina spiralis tenuis,** n. subsp. Holotype from Loc. No. 3317. Greatest diameter 4 mm	6
12.	**Helicolepidina spiralis tenuis,** n. subsp. Paratype from Loc. No. 3317. Vertical section. Length 2.3 mm	6
13.	**Discocyclina mirandana,** n. sp. Paratype from Loc. No. 3256. Vertical section. Length 1.72 mm	8

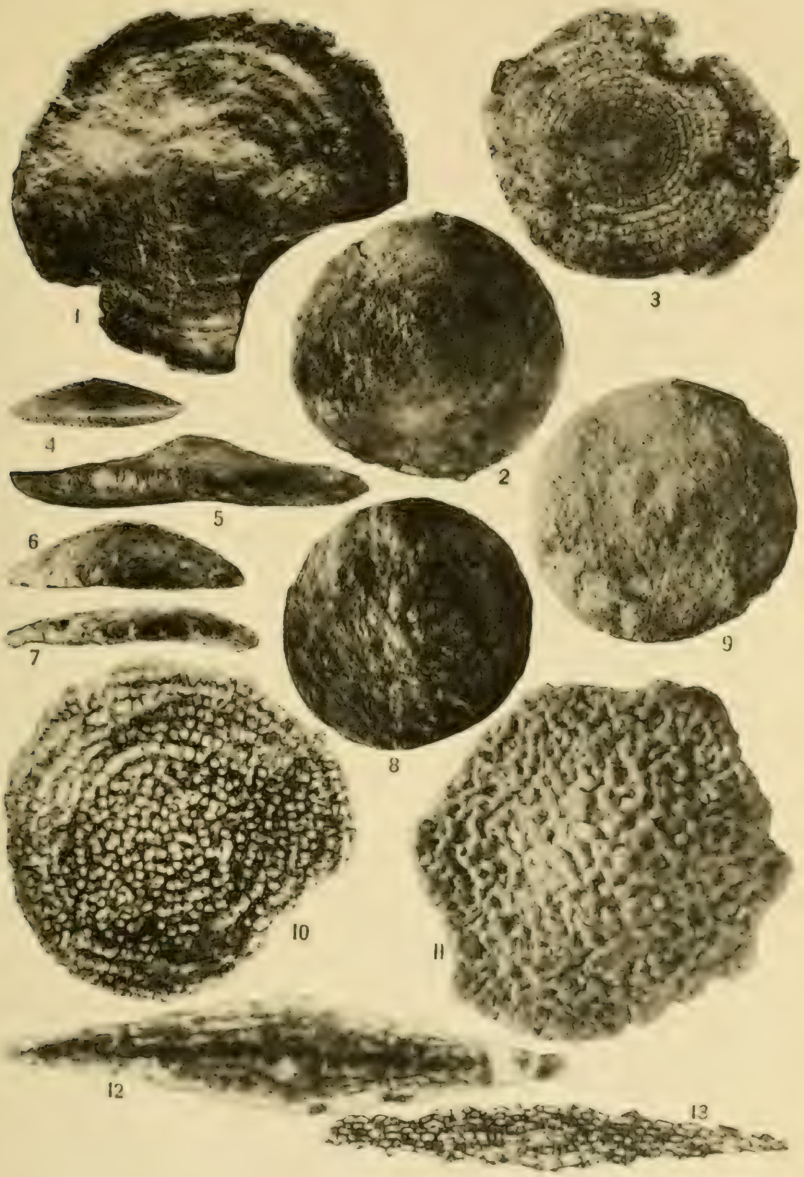
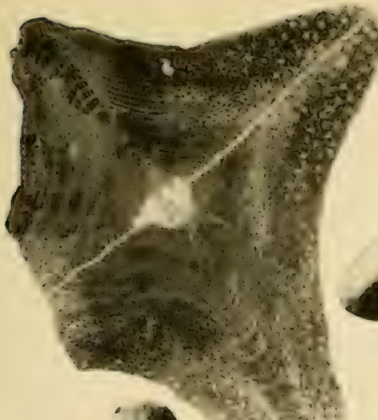

1
3
2
4
5
6
7
9
8
10
11
12
13

PLATE 2

PLATE 2

Figure		Page
1.	**Cisseis asterisca** Guppy. From Point Bontour, Trinidad. Equatorial section. Greatest diameter 3.7 mm	11
2.	**Cisseis asterisca** Guppy. From Point Bontour, Trinidad. Greatest diameter 3.8 mm	11
3.	**Cisseis pariana,** n. sp. Holotype from Point Bontour, Trinidad. Greatest diameter 4 mm	15
4.	**Cisseis bontourana,** n. sp. Holotype from Point Bontour, Trinidad. Greatest diameter 2.65 mm	14
5.	**Cisseis pariana,** n. sp. Paratype from Point Bontour, Trinidad. Equatorial section. Greatest diameter 4 mm	15
6.	**Cisseis asterisca venezuelana,** n. subsp. Holotype from Loc. No. 3256. Greatest diameter 5.2 mm	13
7.	**Cisseis asterisca zuliana,** n. subsp. Holotype from Loc. No. 3256. Greatest diameter 5.3 mm	14
8.	**Cisseis bontourana,** n. sp. Paratype from Point Bontour, Trinidad. Equatorial section. Greatest diameter through the embryon 1.8 mm	14
9.	**Cisseis pariana,** n. sp. Paratype from Point Bontour, Trinidad. Vertical section. Length 2.7 mm	15
10.	**Cisseis asterisca** Guppy. From Point Bontour, Trinidad. Vertical section. Length 4.73 mm	11
11.	**Cisseis bontourana,** n. sp. Peripheral aspect. Same specimen as figure 4	14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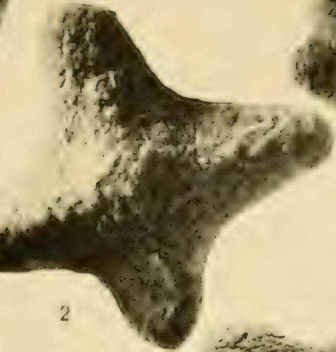
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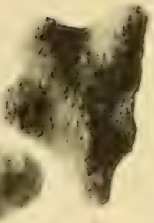
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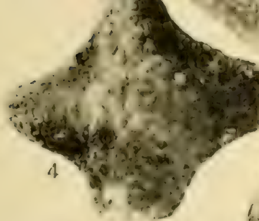
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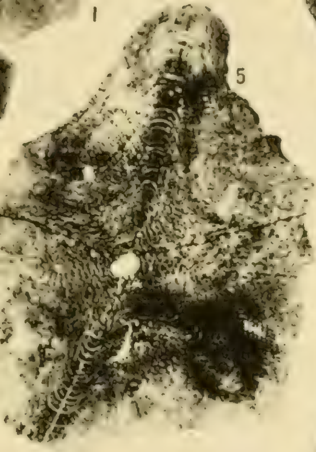
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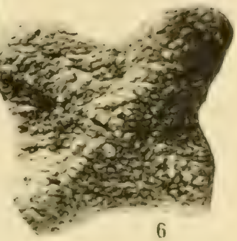
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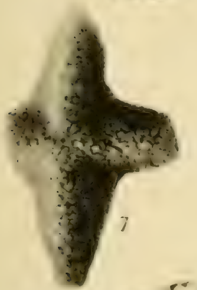
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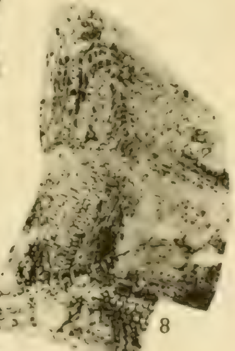
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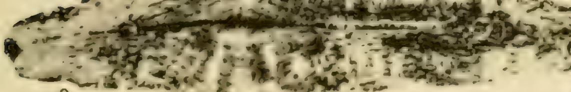
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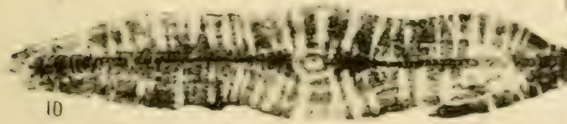
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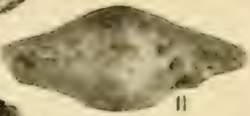
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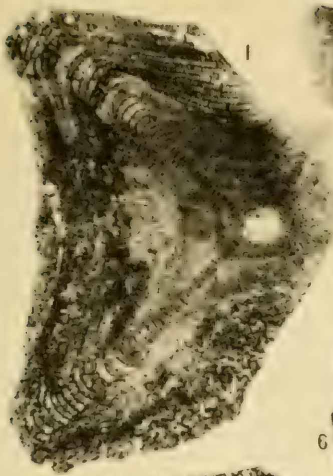
PLATE 3

PLATE 3

Figure		Page
1.	**Cisseis harrisi**, n. sp. Paratype from Point Bontour, Trinidad. Equatorial section. Greatest diameter through the embryon 4.1 mm	15
2.	**Cisseis harrisi**, n. sp. Holotype from Point Bontour, Trinidad. Greatest diameter 4.2 mm	15
3.	**Cisseis weeksi**, n. sp. Holotype from Loc. No. 3256. Greatest diameter 3.7 mm	17
4.	**Cisseis trinidadensis**, n. sp. Holotype from Point Bontour, Trinidad. Greatest diameter 3.8 mm	16
5.	**Cisseis weeksi**, n. sp. Paratype from Loc. No. 3256. Equatorial section through a ray. Greatest diameter 1.38 mm	17
6.	**Cisseis harrisi**, n. sp. Paratype from Point Bontour, Trinidad. Vertical section near the embryon. Length 2.6 mm.	15
7.	**Cisseis trinidadensis**, n. sp. Paratype from Point Bontour, Trinidad. Vertical section. Length 3.2 mm	16
8.	**Cisseis weeksi**, n. sp. Paratype from Loc. No. 3256. Equatorial section. Greatest diameter 2.5 mm	17
9.	**Cisseis weeksi maracaibensis**, n. subsp. Holotype from Loc. No. 3256. Greatest diameter 2.9 mm	17
10.	**Cisseis trinidadensis**, n. sp. Paratype from Point Bontour, Trinidad. Equatorial section. Greatest diameter 3.3 mm.	16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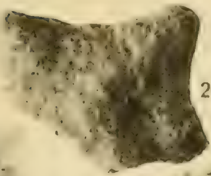
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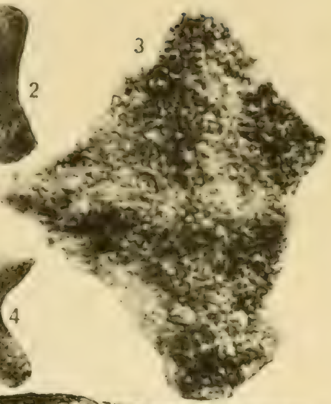
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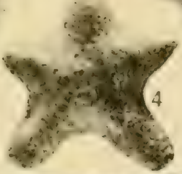
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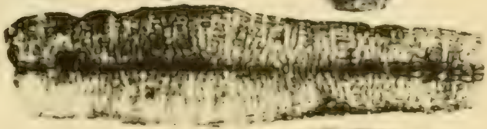
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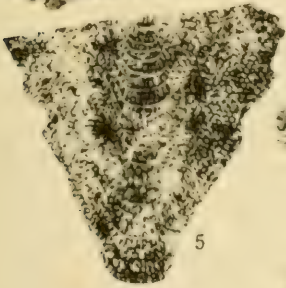
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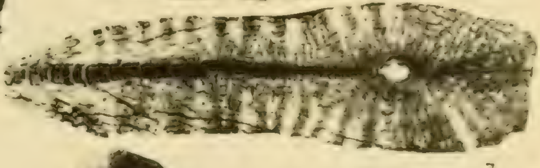
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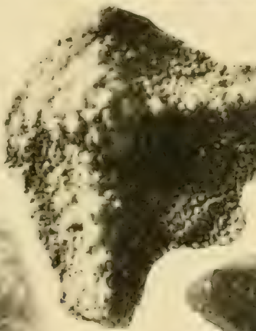
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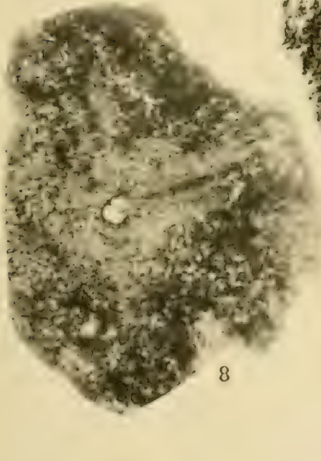
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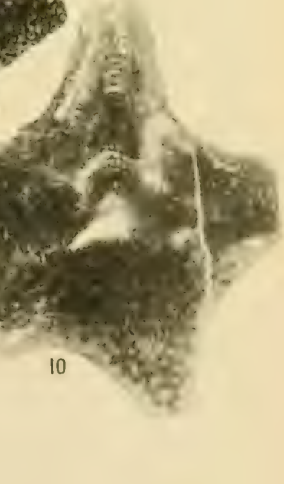
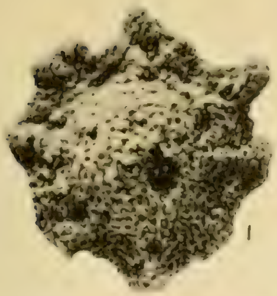

10

PLATE 4

PLATE 4

FIGURE		PAGE
1.	**Cisseis aurarensis,** n. sp. Paratype from Loc. No. 3316. Greatest diameter 2.4 mm	19
2.	**Cisseis parva,** n. sp. Holotype from Loc. No. 3256. Greatest diameter 2 mm	18
3.	**Cisseis sanfernandana,** n. sp. Holotype from Point Bontour, Trinidad. Greatest diameter, not through the center, 6 mm.	18
4.	**Cisseis parva,** n. sp. Paratype from Loc. No. 3256. Equatorial section. Greatest diameter 1.17 mm	18
5.	**Lepidocyclina trinitatis caribbeanensis,** n. subsp. Holotype from Loc. No. 3256. Greatest diameter 2.7 mm	20
6.	**Cisseis aurarensis,** n. sp. Paratype from Loc. No. 3315. Vertical section. Length 2.3 mm	19
7.	**Cisseis aurarensis,** n. sp. Holotype from Loc. No. 3315. Greatest diameter 4.3 mm	19
8.	**Cisseis aurarensis,** n. sp. Paratype from Loc. No. 3315. Part of an equatorial section. Greatest diameter 2 mm	19
9.	**Lepidocyclina trinitatis venezuelana,** n. subsp. Holotype from Loc. No. 3265. Greatest diameter 2.65 mm	20
10.	**Lepidocyclina trinitatis** H. Douvillé. From Point Bontour, Trinidad. Vertical section. Length 2.55 mm	19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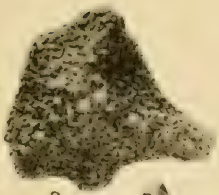
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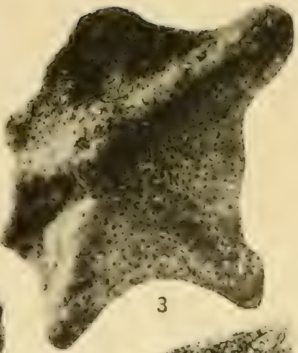
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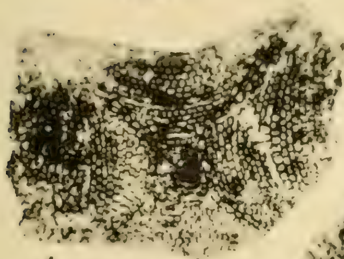
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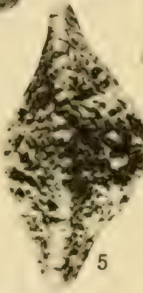
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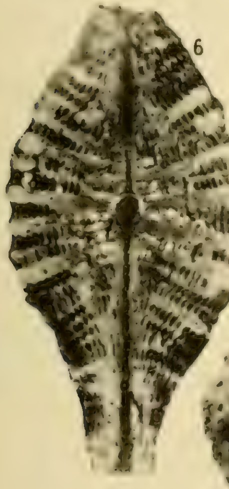
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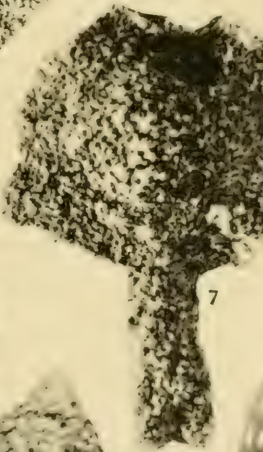
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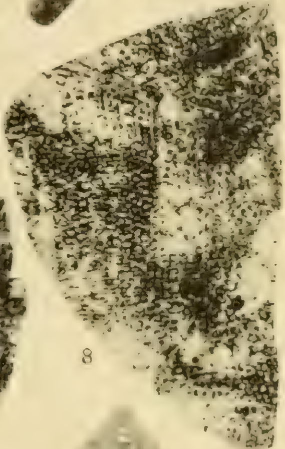
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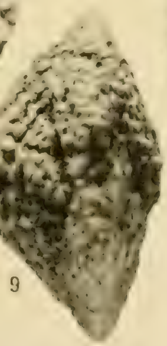
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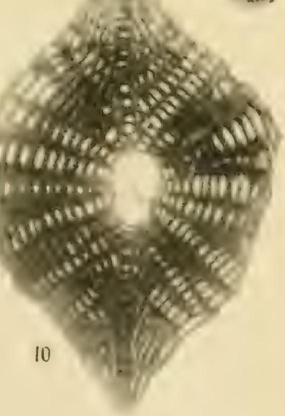
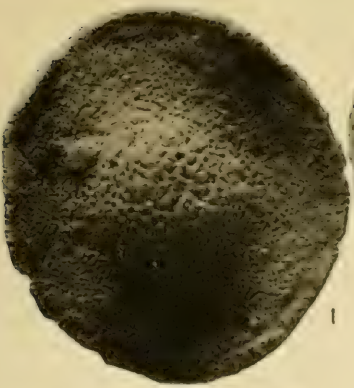

10

PLATE 5

PLATE 5

FIGURE		PAGE
1.	**Lepidocyclina hubbardi,** n. sp. Holotype from Loc. No. 3265. Greatest diameter 5.4 mm	21
2.	**Lepidocyclina bontourana,** n. sp. Holotype from Point Bontour, Trinidad. Specimen has been partly ground away, showing the large embryon. Greatest diameter 2.35 mm	21
3.	**Lepidocyclina hubbardi,** n. sp. Paratype from Loc. No. 3256. Shows the common appearance. Greatest diameter 4.4 mm	21
4.	**Lepidocyclina bontourana,** n. sp. Paratype from Point Bontour, Trinidad. Vertical section, not through exact center of test. Length 2.55 mm	21
5.	**Lepidocyclina bontourana,** n. sp. Paratype from Point Bontour, Trinidad. Equatorial section. Greatest diameter 2.13 mm	21
6.	**Lepidocyclina hubbardi aurarensis,** n. subsp. Holotype from Loc. No. 3265. Greatest diameter 3 mm	23
7.	**Lepidocyclina hubbardi,** n. sp. Paratype from Loc. No. 3256. Equatorial section. Greatest diameter 2.76 mm	21
8.	**Lepidocyclina hubbardi aurarensis,** n. subsp. Paratype from Loc. No. 3256. Vertical section of a young specimen. Length 2.55 mm	23
9.	**Lepidocyclina hubbardi aurarensis,** n. subsp. Vertical aspect. Same specimen as figure 6	23
10.	**Lepidocyclina hubbardi bolivarensis,** n. subsp. Holotype from Loc. No. 3265. Vertical aspect. Greatest diameter 3 mm	22
11.	**Lepidocyclina hubbardi,** n. sp. Paratype from Loc. No. 3256. Vertical section. Length 4.25 mm	21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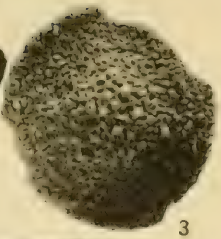
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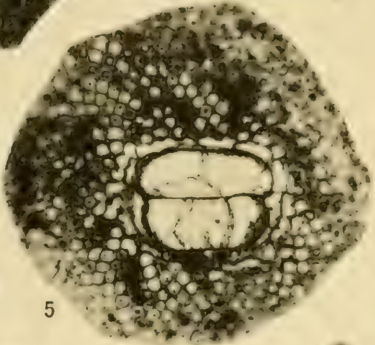
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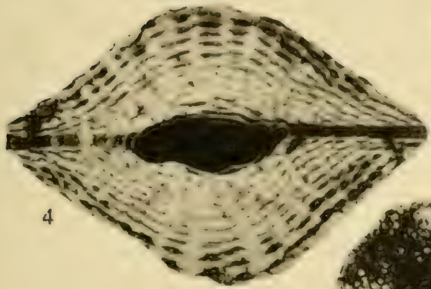
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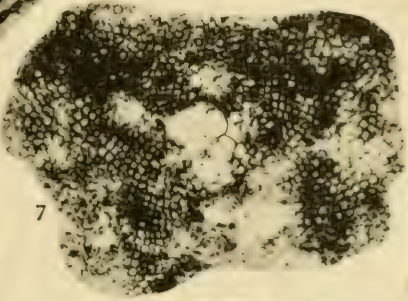
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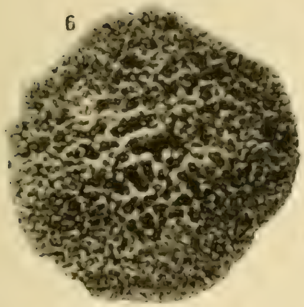
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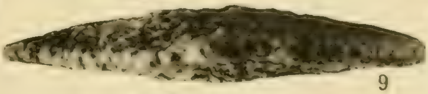
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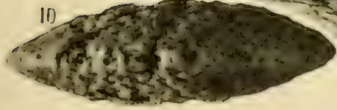
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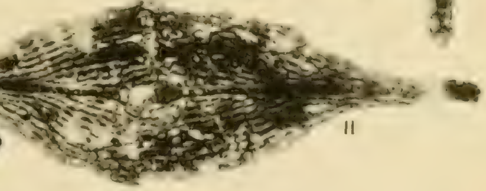
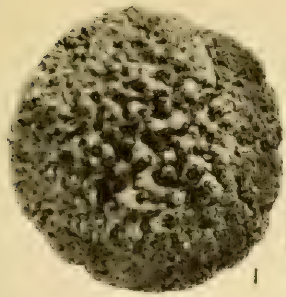

11

PLATE 6

PLATE 6

FIGURE		PAGE
1.	**Lepidocyclina hubbardi bolivarensis,** n. subsp. Holotype Greatest diameter 3 mm. Same specimen as plate 5, figure 10.	22
2.	**Lepidocyclina maracaibensis,** n. sp. Paratype from Loc. No.3268. Equatorial section. Greatest diameter 1.2 mm.	24
3.	**Lepidocyclina maracaibensis,** n. sp. Holotype from Loc. No. 3268. Greatest diameter 1.3 mm	24
4.	**Lepidocyclina maracaibensis,** n. sp. Paratype from Loc. No. 3268. Vertical section. Length 1.23 mm	24
5.	**Lepidocyclina kochi,** n. sp. Holotype from Loc. No. 3265. Greatest diameter 3.1 mm	24
6.	**Lepidocyclina weeksi,** n. sp. Holotype from Loc. No. 3265. Greatest diameter 1.8 mm	23
7.	**Lepidocyclina weeksi,** n. sp. Paratype from Loc. No. 3317. Equatorial section. Greatest diameter 2.1 mm	23
8.	**Lepidocyclina weeksi,** n. sp. Paratype from Loc. No. 3312. Vertical section. Length 2 mm	23
9.	**Lepidocyclina kochi,** n. sp. Paratype from Loc. No. 3265. Vertical section. Length 2.87 mm	24
10.	**Lepidocyclina kochi,** n. sp. Paratype from Loc. No. 3265. Equatorial section showing embryon intermediate between **Lepidocyclina** (s. s.) and **Nephrodepidina.** Greatest diameter 2.34 mm	24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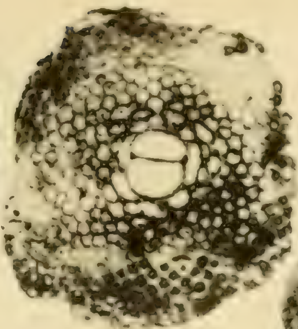
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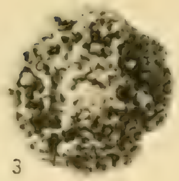
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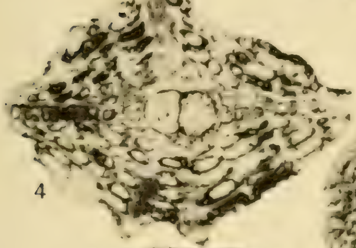
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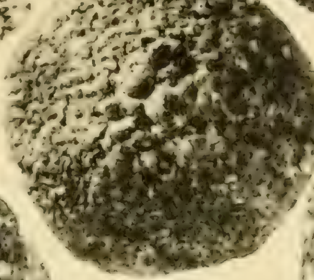
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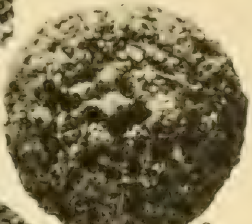
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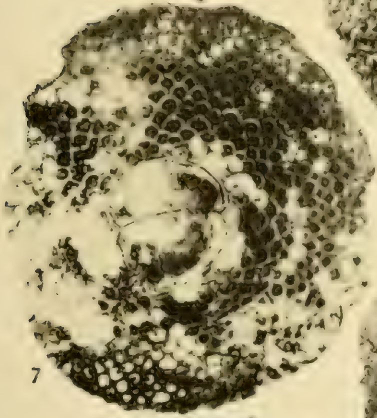
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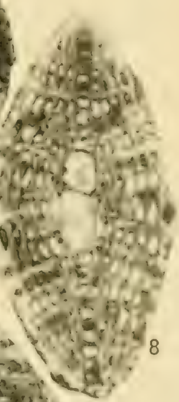
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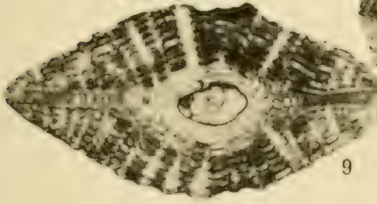
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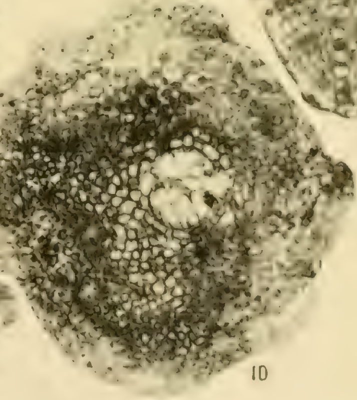
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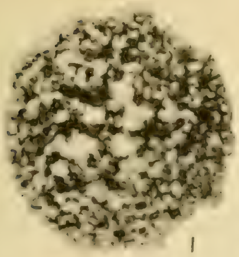
PLATE 7

PLATE 7

FIGURE PAGE

1. **Lepidocyclina (Polylepidina) zuliana,** n. sp. Holotype from Loc. No. 3268. Greatest diameter 1.7 mm........................... 25
2. **Lepidocyclina (Polylepidina) zuliana,** n. sp. Paratype from Loc. No. 3268. Horizontal section. Greatest diameter 1.6 mm... 25
3. **Lepidocyclina (Polylepidina) zuliana,** n. sp. Paratype from Loc. No. 3268. Vertical section. Length 1.85 mm............... 25
4. **Lepidocyclina (Polylepidina) mirandana,** n. sp. Paratype from Loc. No. 3312. Equatorial section prepared mostly with acid as the embryon is about 225_{μ} lower than the periphery. 26
5. **Lepidocyclina (Polylepidina) mirandana,** n. sp. Holotype from Loc. No. 3312. Greatest diameter 2.2 mm.................. 26
6. **Lepidocyclina (Polylepidina) mirandana,** n. sp. Paratype from Loc. No. 3312. Vertical section. Length 1.7 mm......... 26
7. **Lepidocyclina (Polylepidina?) churuguaritana,** n. sp. Paratype from Loc. No. 3317. Vertical section. Greatest diameter 1.5 mm.. 27
8. **Lepidocyclina (Polylepidina?) churuguaritana,** n. sp. Holotype from Loc. No. 3265. Greatest diameter 1.8 mm.......... 27
9. **Miogypsina hawkinsi,** n. sp. Paratype from Loc. No. 3514. Vertical section. Length 1.4 mm... 28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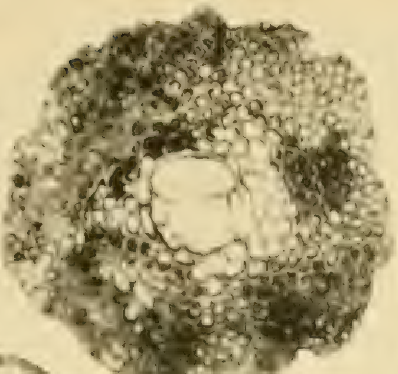
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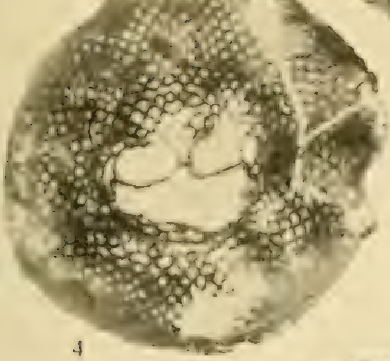
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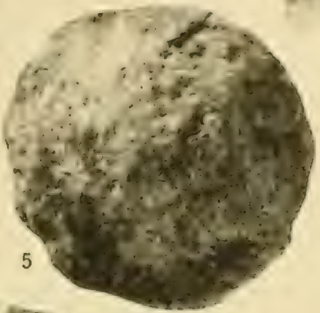
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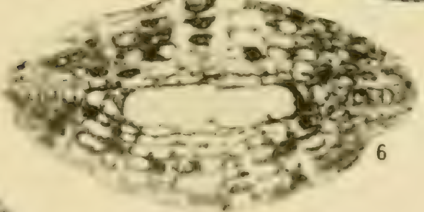
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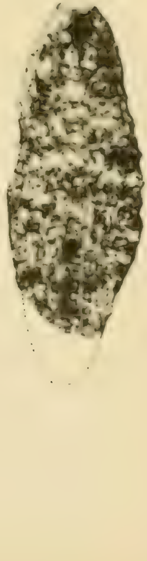
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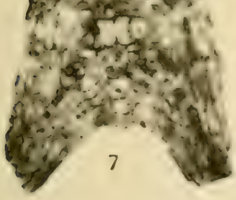
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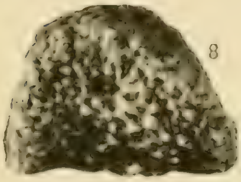
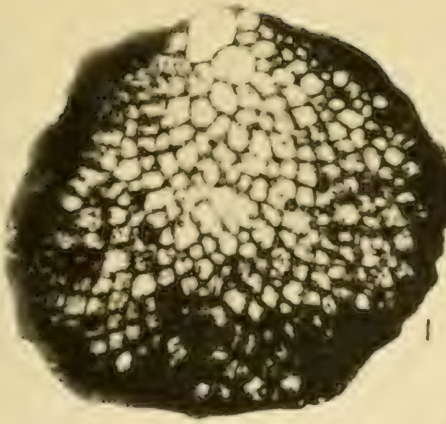

8

PLATE 8

PLATE 8

Figure		Page
1.	**Miogypsina hawkinsi,** n. sp. Paratype from Loc. No. 3514. Equatorial section. Greatest diameter 1.7 mm	28
2.	**Miogypsina hawkinsi,** n. sp. Holotype from Loc. No. 3514. Greatest diameter 1.9 mm	28
3.	**Miogypsina venezuelana,** n. sp. Holotype from Loc. No. 2187. Equatorial section. Greatest diameter 2.7 mm	29
4.	**Miogypsina venezuelana,** n. sp. Paratype from Loc. No. 2187. Greatest diameter 6.2 mm	29
5.	**Miogypsina venezuelana,** n. sp. Paratype from Loc. No. 2187. Equatorial section, embryonic apparatus weathered off. Greatest diameter 6. 7mm	29
6.	**Miogypsina venezuelana,** n. sp. Paratype from Loc. No. 2187. Accidental vertical section. Length 3.9 mm	29



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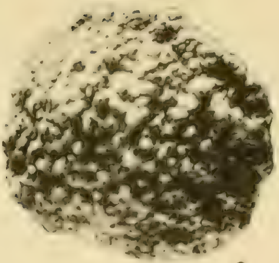

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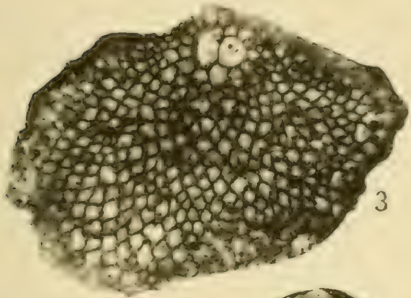

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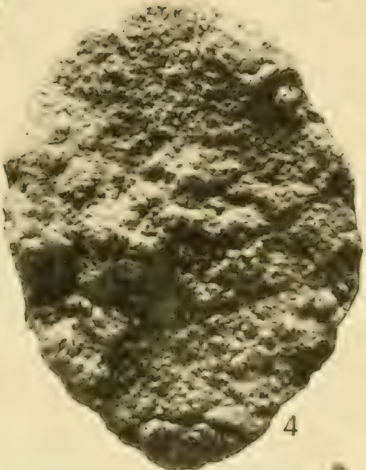

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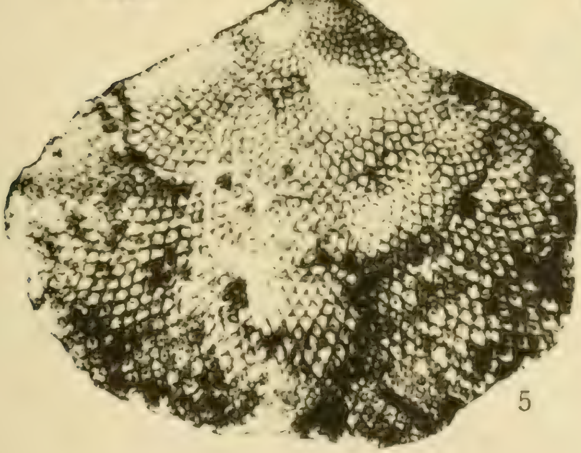

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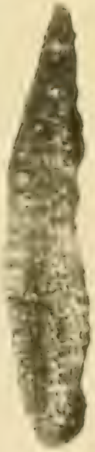

6

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BIBLIOGRAPHY AND INDEX OF NORTH AMERICAN MESOZOIC INVERTEBRATA

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PREFACE

IN THE YEAR 1893 Dr. C. B. Boyle published, in Bulletin No. 102 of the United States Geological Survey, "A Catalogue and Bibliography of North American Mesozoic Invertebrata." The species listed by Boyle were described prior to 1892.

In the following pages the genera and species described between the years 1892 and 1922 are listed alphabetically and the references to the literature are given. In general, such species as have actually been published with descriptions or figures are included in the index. In a few instances where species have been figured only, and these figures have appeared in several works, some of the references have been omitted, only tne most readily obtainable works being listed. In special cases a few species peculiar in their distribution have been listed although they were not, in reality, described and figured. No attempt has been made to emend any of the generic and specific names, but they have been listed as used by the various authors.

The writer wishes to express his appreciation of the assistance rendered him by many friends and former students during the several years in which the work was in compilation.

The assistance rendered by Professor G. D. Harris in the publication of the material and the aid given by Mr. R. H. Cuyler and Mr. Joe Cannon in typewriting the manuscript are especially appreciated.

F. L. WHITNEY

Austin, Texas
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PART I

LIST OF AUTHORS

Adkins (W. S.) The Weno and Pawpaw formations of the Texas Comanchean.
University of Texas Bull. No. 1856, 1918.

Adkins (W. S.) and Winton (W. M.) Paleontological correlation of the Fredericksburg and Washita formations in North Texas.
University of Texas Bull. No. 1945, 1919.

Aguilera (José G.) Fauna fosil de la Sierra de Catorce, San Luis Potosi.
Boletin de la comision geológica de México, Núm. I, 1895.

Anderson (Frank M.) Cretaceous deposits of the Pacific coast.
California Academy of Science Proceedings, 3rd series, volume 2, No. 1, 1902.

Arnold (Ralph) Paleontology of the Coalinga district, Fresno and Kings Counties, California.
U. S. Geological Survey, Bull. No. 396, 1909.
Descriptions of New Cretaceous and Tertiary fossils from the Santa Cruz Mountains, California.
U. S. National Museum Proceedings, volume 34, 1908.

Bagg (R. M. Jr.) The Cretaceous Foraminifera of New Jersey.
Johns Hopkins University, Circ., volume XV, No. 121, 1895.
The Cretaceous Foraminifera of New Jersey.
U. S. Geological Survey Bull. No. 88, 1898.

Baker (F. C.) The Lymnaeidae of North and Middle America, Recent and Fossil.
Chicago Academy of Science, Special Publication No. 3, 1911.

Bassler (Ray S.) Systematic Paleontology of the Upper Cretaceous deposits of Maryland.
Maryland Geological Survey. Upper Cretaceous, 1916.

Bather (Francis Arthur) The Triassic Crinoids from New Zealand.
Geological Society of London, Quarterly Journal, volume 73, 1918.

Boehm (G.) Ueber Caprinidenkalke aus Mexico.
Zeit. Deut. Geol. Gesell, volume 50, 1898.

Böse (Emil) La fauna de Moluscos del Senoniano de Cárdenas, San Luis, Potosi.
Instituto Geológico de México, Bol. Núm. 24, 1906.
Monografía geológica y paleontológica del cerro de Muleros cerca de ciudad Juárez, Estado de Chihuahua y descripcion de la fauna cretácea de la Encantada placer de Guadalupe, Estado de Chihuahua.
Instituto Geológico de México, Bol. num. 25, 1910.
Algunas faunas del cretácico superior de Coahuila y regiones limitrofes.
Instituto Geológico de México, Bol. Num. 30, 1913.
On a new Ammonite Fauna of the lower Turonian of Mexico.
University of Texas, Bull. No. 1856, 1918.
On a new *Exogyra* from the Del Rio clay and some observations on the evolution of the *Exogyra* in the Texas Cretaceous.
University of Texas Bull. No. 1902, 1919.

Burckhardt (Carlos) La fauna marine du Trias Supérieur de Zacatecas.
Instituto Geológico de México, Bol. Num. 21, 1905.
La faune jurassique de Mazapil avec apendice sur les fossilès du cretacique inferieur.
Instituto Geológico de México, Bol. Num. 23, 1906.
Faunes jurassiques et crétaciques de San Pedro del Gallo. (L'état de Durango, Mexico.).
Instituto Geológico de México, Bol. Num. 29, 1912.
Faunes jurásicas de Symon y faunas crétacicas de Zumpango del Río.
Instituto Geológico de México, Bol. Num. 33, 1919.

Burwash (Edward M.) On some new species of marine invertebrates from the Cretaceous of Queen Charlotte Islands (British Columbia).
Royal Society of Canada, Proceedings and Transactions, 3rd series, volume 7, section 4, 1914.

Calvin (Samuel) Composition and Origin of Iowa chalk.
Iowa Geological Survey, volume 3, Second annual Report, 1895.

Clapp (C. H.) and **Shimer (H. W.)** The Sutton Jurassic of the Vancouver group, Vancouver Island, British Columbia.
Boston Society of Natural History, Proceedings, volume 34, No. 12, 1911.

Clark (Wm. B.), Lull (R. S.) and **Berry (E. W.)** Systematic paleontology of the Lower Cretaceous deposits of Maryland.
Maryland Geological Survey, Lower Cretaceous, 1911.
The Mesozoic Echinodermata of the United States.
U. S. Geological Survey, Bull. No. 97, 1893.
Two new Brachiopods from the Cretaceous of New Jersey.
Johns Hopkins University Circular, volume 15, No. 121, 1895.

Clark (Wm. B.) and **Twitchell (M. W.)** The Mesozoic and Cenezoic Echinodermata of the United States.
U. S. Geological Survey. Monograph No. 54, 1915.

Cooper (J. G.) On some new Cretaceous (and Eocene ?) Mollusca of California.
California Academy of Science Proceedings, volume 6, 1896.

Cragin (F. W.) A contribution to the invertebrate paleontology of the Texas Cretaceous.
Texas Geological Survey, 4th Annual Report, 1893.
New and little known Invertebrata from the Neocomian of Kansas.
American Geologist, volume 14, 1894.
Descriptions of the invertebrate fossils from the Comanche series in Texas, Kansas, and Indian territory.
Colorado College Studies, 5th Annual Publication, 1894.
A new Cretaceous genus of Clypeastridæ.
American Geologist, volume 15, 1895.
Buchiceras (*Sphenodiscus*) *belviderensis* and its varieties.
Colorado College studies, Vol. 8, 1900.
Paleontology of the Malone Jurassic formation of Texas.
U. S. Geological Survey Bull. No. 266, 1905.

Dall (Wm. H.) Notes on some upper Cretaceous Volutidæ with description of new species and a revision of the groups to which they belong.
Smithsonian Miscellaneous Collection, volume 50, 1907.

Davis (Charles H.) New species from the Santa Lucia mountains, California, with a discussion of the Jurassic age of the slates at Slates Springs.
Journal of Geology, vol. 21, 1913.

Douglass (Earl) *Astropecten ? montanus*—a new starfish from the Fort Benton; and some geological notes.
Carnegie Museum, Annual, vol. 2, 1903.

Douvillé (Henri) Sur quelques Rudistes Américans.
Bulletin de la Societe Gèologique de France, 3rd ser., vol. 28, 1900.

Ellisor (Alva Christine) Species of *Turritella* from the Buda and Georgetown limestones of Texas.
University of Texas, Bull. No. 1840, 1918.

Emerson (B. K.) A new bivalve from the Connecticut River Triassic.
American Journal of Science, 4th series, vol. 10, 1900.

Frech (Fritz) Ueber Aviculiden von palaeozoischem Habitus aus der Trias von Zacatecas.
Congr. Géol. intern., C. R. 10e sess., Mexico, 1906.

Gardner (Julia A.) Correlation of Upper Cretaceous formations.
Maryland Geological Survey, Upper Cretaceous, 1916.

Gilbert (Grove Karl) U. S. Geological Survey 17th Annual Report, Part 2, 1896.

Girty (George H.) Carboniferous and Triassic faunas (of Utah).
U. S. Geological Survey, Professional Paper 111, 1920.

Hall (E. B.) and **Ambrose (A. W.)** Descriptions of new species from the Cretaceous and Tertiary of the Telesa, Pleasanton, San Jose, and Mt. Hamilton quadrangles, California.
Nautilus, Volume 30, Nos. 6 and 7, 1916.

(Harris (G. D.) Say (Thomas) A reprint of the paleontological writings of Thomas Say, with an introduction by G. D. Harris.
Bulletins of American Paleontology, vol. 1, No. 5, 1896.

Harris (**G. D.**) and **Veatch** (**A. C.**) General Geology of Louisiana.
Louisiana State Experiment Station, Part 5, 1899.

Henderson (**Junias**) New species of Cretaceous invertebrates from northern Colorado.
U. S. National Museum Proceedings, vol. 34, 1908.

Herrick (**C. L.**) and **Johnson** (**D. W.**) The geology of the Albuquerque sheet (New Mexico).
Denison University Scientific Laboratory Bulletin, Vol. 11, article 9, 1900.

Hill (**B. H.**) Notes on *Uintacrinus socialis* Grinnell.
Kansas University Quarterly, Vol. 2, 1893.

Hill (**Robert T.**) Paleontology of the Cretaceous Formations of Texas. The invertebrate paleontology of the Trinity division.
Washington Biological Society Proceedings, vol. 8, 1893.

Hill and **Vaughan.** The Lower Cretaceous Gryphæas of the Texas Region.
U. S. Geological Survey, Bulletin No. 151, 1898.

Hovey (**Edmund Otis**) A remarkable slab of crinoids (from the Cretaceous of Kansas).
American Museum Journal, vol, 2, 1902.

Hyatt (**Alpheus**) Triassic and Jurassic in the Western States.
Geological Society of America Bulletin, Vol 5, 1894.
Pseudo Ceratites of the Cretaceous, Edited by T. W. Stanton.
U. S. Geological Survey Monograph, vol. 44, 1903.

Hyatt (**Alpheus**) and **Smith** (**J. P.**) The Triassic cephalopod genera of America.
U. S. Geological Survey Professional Paper No. 40, 1905.

Johnson (**C. W.**) New Cretaceous fossils from an artesian well-boring at Mount Laurel, New Jersey.
Philadelphia Academy of Natural Sciences Proceedings, 1898.

Johnson (**Douglas Wilson**) On some Jurassic fossils from Durango, Mexico.
American Geologist, vol. 30, 1902.
The geology of the Cerrillos Hills, New Mexico.
Part 2, Paleontology School of Mines Quarterly, vol. 24, part 2, 1903.
The geology of the Cerrillos Hills, New Mexico—Paleontology.
Columbia University Contributions to Geology, vol. 10, No. 90, 1903.

Jones (**T. Rupert**) On some fossil Ostracoda from southwest Wyoming and from Utah, U. S. A.
Geological Magazine, Dec. 3, vol. 10, 1893.
On some fossil Ostracoda from Canada.
Geological Magazine, Dec. 4, vol. 2, 1895.
On some Triassic Estheriæ from the Red beds or Cimarron series of Kansas.
Geological Magazine, dec. 4, vol. 5, 1898.

Kittle (**E.**) Die triasfossilen von Heurka Sünd.
Second Norwegian Arctic Expedition in the Fram, Rept. No. 7, 1907.

Kniker (**Hedwig Thusnelda**) Comanchean and Cretaceous Pectinidæ

of Texas.
University of Texas Bulletin 1817, 1918.

Lasswitz (Rudolph) Die Kreide-Ammoniten von Texas.
Geol. und Pal. Abh. (Koken). N. F. Bd. 6, Heft 4, 1904.

Logan (W. N.) The invertebrates of the Benton, Niobrara, and Ft. Pierre Cretaceous.
Kansas University Geological Survey, vol. 4, 1898.
Contributions to the paleontology of the Upper Cretaceous.
Field Columbian Museum Publication Geological Series, vol. 1, No. 6, 1899.
Some additions to the Cretaceous invertebrates of Kansas.
Kansas University Quarterly, volume 8, 1899.
The stratigraphy and invertebrate faunas of the Jurassic formation in the Freezeout Hills of Wyoming.
Kansas University Quarterly, vol. 9, 1900.

Lundgren (Bernhard) Anmärkningar om nägra Jurafossil frän Kap Stewart i Ost—Grönland
Jurassic Fossils from Cape Stewart in eastern Greenland.
Meddelelser om Grönland, vol. 19, 1896.

Madsen (Victor) On the Jurassic fossils of East Greenland.
Meddelelser om Grönland, vol. 29, 1903.

McClung (C. E.) Microscopic organisms of the Upper Cretaceous.
Kansas University Geological Survey, vol. 4, 1898.

McLearn (F. H.) New Species of pelecypods from the Cretaceous of Northern Alberta.
Canada Geological Survey, Museum Bulletin No. 29, 1919.
Three new pelecypods from the Coloradoan of the Peace and Smoky Valleys, Alberta.
Canadian Field-Naturalist, vol. 34, No. 3, 1920.

Merriam (John C.) A contribution to the geology of the John Davy basin (Oregon).
University of California Department of Geology, Bulletin, vol. 2, 1901.

Merrill (J. A.) Fossil sponges of the flint nodules in the lower Cretaceous of Texas.
Harvard College Museum of Comparative Zoology Bulletin No. 28, 1895.

O'Connell (Marjorie) The Jurassic Ammonite fauna of Cuba.
American Museum of Natural History Bulletin, vol. 42, 1920.

Nomland (Jorgen O.) Corals from the Cretaceous and Tertiary of California and Oregon.
California University, Department of Geology, Bulletin, vol. 9, No. 5, 1916.

Packard (Earl Leroy) Mesozoic and Cenozoic Mactrine of the Pacific coast of North America.
California University, Department of Geology, Bulletin, vol. 9, 1916.
The Trigoniæ from the Pacific coast of North America.
Oregon University Publication, vol. 1, No. 9, 1921.

Pilsbry (Henry A.) *Pleurotomaria crotaloides* Morton in the New Jersey Cretaceous.

Philadelphia Academy of Natural Science Proceedings, 1896.
Crustacea of the Cretaceous formation of New Jersey.
Philadelphia Academy of Natural Science Proceedings, Volume 53, 1901.
Notes on some Pleurotomariidæ of the Cretaceous of New Jersey.
Academy of Natural Sciences of Philadelphia, vol. 63, 1911.

Pompechj (J. F.) Jurafossilien aus Alaska.
Russisch Kaiserlichen Mineralogischen Gesellschaft zu St. Petersburg, zweite serie achtunddreissigster Band, 1900.

Rathbun (Mary J.) Descriptions of fossil crabs from California.
U. S. National Museum Proceedings, vol. 35, 1908.
New species of South Dakota crabs.
U. S. National Museum Proceedings, vol. 52, 1917.

Rauff (Herman) (Ueber Porocystis pruniformis Cragin) (Araucarites wardi Hill) aus der unteren Kreide in Texas.
Neues Jahr. fur Min., Band 1, 1895.

Ravn (J. P. G.) On Jurassic and Cretaceous fossils from northeast Greenland.
Meddelelser om Grönland, vol. 45, 1911.
On Jurassic and Cretaceous fossils from northeast Greenland.
Copenhagen University Min. Geol. Mus. Comm. Paléont. No. 10, 1911.

Reeside (J. B. Jr.) Some American Jurassic Ammonites of the general *Quenstedticeras, Cardioceras,* and *Amoeboceras,* family Cardioceratidæ.
U. S. Geological Survey, Professional Paper 118, 1919.

Roig (Sanchez) Una excursion a Viñales. (Jurassic fossils).
Revista de Agricultura, Comercio y Trabajo, Año 2, No. 12, Habana, Cuba, Dec., 1919.
La fauna jurassica de Viñales.
Cuba, Secretaria de Agr., Bol. Especial, 1920.

Shattuck (G. B.) The Mollusca of the Buda limestone, with an appendix on the Corals of the Buda Limestone by T. W. Vaughan.
U. S. Geological Survey, Bull. No. 205, 1903.

Shimer (H. W.) and **Blodgett (M. E.)** The stratigraphy of the Mt. Taylor region, New Mexico.
American Journal of Science, Series 4, vol. 25, 1908.

Shimer (H. W.) and **Powers (Sidney)** A new sponge from the New Jersey Cretaceous.
U. S. National Museum Proceedings, vol. 46, 1913.

Simpson (Chas. T.) Description of four new Triassic Unios from the Staked Plains of Texas.
U. S. National Museum Proceedings, vol. 18, 1896.

Slocom (A. W.) New echinoids from the Ripley group of Mississippi.
Field Columbian Museum of Natural History, Geological series, Publication 134, volume 4, No. 1, 1909.

Smith (J. P.) The comparative stratigraphy of the marine Triassic of western America.
California Academy of Science, Proceedings, 3rd series, vol. 1,

1904.
Acceleration of development in fossil cephalopoda.
Leland Stanford Junior University, Publications, 1914.
The middle Triassic marine invertebrate faunas of North America.
U. S. Geolcgical Survey, Professional Paper 83, 1914.

Sommermeier (L.) Uber einem Fossilfund aus der Unteren Kreide von Trinidad.
Centralbl., Mineralogie, 1918.

Springer (Frank) Notice of a new discovery concerning *Uintacrinus*.
American Geologist, volume 24, 1899.
Uintacrinus: Its structure and relations.
Harvard College, Mus. Comp. Zool., Mem., vol. 25, 1901.
Some new American fossil crinoids.
Harvard College, Museum Comp. Zool., Mem., vol. 25, No. 3, 1911.
A new American Jurassic crinoid.
U. S. National Museum, Proceedings, vol. 36, 1909.

Stanton (T. W.) On the genus *Remondia* Gabb, a group of Cretaceous bivalve mollusks.
U. S. National Museum, Proceedings, vol. 19, 1897.
The Colorado formation and its invertebrate fauna.
U. S. Geological Survey, Bull. No. 106, 1893.
Contribution to the Cretaceous paleontology of the Pacific coast: the fauna of the Knoxville beds.
U. S. Geological Survey, Bull. No. 133, 1896.
The faunal relations of the Eocene and Upper Cretaceous on the Pacific Coast.
Mesozoic fossils (Yellowstone National Park).
U. S. Geoogical Survey, Monograph 32, pt. 2, 1899.
U. S. Geological Survey, Monograph 32, Part 2, 1899.
Chondrodonta, a new genus of Ostreiform mollusks from the Cretaceous, with descriptions of the genotype and a new species.
U. S. National Museum, Proceedings, vol. 24, 1902.
A new fresh water molluscan faunule from the Cretaceous of Montana.
American Philosophical Society, Proceedings, vol. 42, 1903.
Contributions to the geology and paleontology of San Juan county, New Mexico; 3, Nonmarine Cretaceous invertebrates of the San Juan Basin.
U. S. Geological Survey, Professional Paper 98, 1916.

Stanton (T. W. and Hatcher (J. B.) Geology and Paleontology of the Judith River beds.
U. S. Geological Survey, Bull. No. 257, 1905.

Stanton (T. W.) and **Vaughan (T. W.)** Fauna from the Cannonball marine member of the Lance formation.
U. S. Geological Survey, Professional Paper 128A, 1920.

Stearns (R. E. C.) The fossil shells of the Los Angeles tunnel clays.
Science, new series, volume 12, 1900.

Stephenson (L. W.) Cretaceous deposits of the eastern Gulf region and species of Exogyra from the eastern Gulf region and the

Carolinas.
U. S. Geological Survey, Professional Paper 81, 1914.
North American Upper Cretaceous corals of the genus *Micrabacia.*
U. S. Geological Survey, Professional Paper 98, 1916.
Systematic paleontology of the upper Cretaceous deposits of Maryland.
Maryland Geological Survey, Upper Cretaceous, 1916.

Toucas (A.) Études sur la classification et évoution des Radiolitidés.
Mem. Pal. Géol. Soc. France, Tome XIV, Fas. 4, No. 36, 1907; tome XVII, Fas. 1, No. 36, 1909.

Troxell (E. L.) Unios in the Triassic of Massachusetts.
American Journal of Science, 4th Series, vol. 38, 1914.

Vaughan T. W.) Some Cretaceous and Eocene Corals from Jamaica.
Harvard College, Museum Comp. Zool., Bull., vol. 34, 1899.
Trochocyathus woolmani: A new coral from the Cretaceous of New Jersey.
Philadelphia Academy of Natural Science, Proceedings, 1900.
The corals of the Buda limestone.
U. S. Geological Survey, Bull. No. 205, 1903.

Wade (Bruce) New genera and species of Gastropoda from the upper Cretaceous of McNairy county, Tennessee.
Philadelphia Academy of Natural Science, Proceedings, vol. 68, 1916.
An Upper Cretaceous *Fulgur.*
American Journal of Science, Ser. 4, vol. 43, 1917.
New and little known Gastropoda from the Upper Cretaceous of Tennessee.
Philadelphia Academy of Natural Science, Proceedings, vol. 69, 1917.

Wanner (H. E.) Some faunal remains from the Triassic of York county, Pennsylvania.
Philadelphia Academy of Natural Science, Proceedings, vol. 73, 1921.

Weller (S.) The Classification of the Upper Cretaceous formations and faunas of New Jersey.
Geoogical Survey of New Jersey, Annual Report, 1904.
The Classification of the Upper Cretaceous formations and faunas of New Jersey.
Journal of Geology, vol. 13, 1905.
A report on the Cretaceous paleontology of New Jersey based upon the stratigraphic studies of George N. Knapp.
Geological Survey of New Jersey, Paleontological series, vol. 4, 1907.

White (Chas. A.) Notes on the invertebrate fauna of the Dakota formation, with descriptions of new molluscan forms.
U. S. National Museum, Proceedings, vol. 17, 1894.
The Bear River formation and its characteristic fauna.
U. S. Geological Survey, Bull. 128, 1895.

Whiteaves (J. F.) Notes on the Ammonites of the Cretaceous rocks of the district of Athabasca with descriptions of four new species.

Can. Roy. Soc. Proc. and Trans., vol. X, sec. IV, 1892.
Notes on some fossils from the Cretaceous rocks of British Columbia, with descriptions of two species that appear to be new.
Canadian Record of Science, vol. 6, 1895.
Notes on some of the Cretaceous fossils collected during Captain Palliser's exploration in British North America in 1857-1860.
Can. Roy. Soc. Proc. and Trans., 2nd series, vol. 1, sec. 4, 1895.
Description of a new species of *Unio* from the Cretaceous rocks, of the Nanaimo coal field, Vancouver Island.
Ottawa Naturalist, vol. 14, 1901.
Note on a supposed new species of *Lytoceras* from the Cretaceous rocks at Denman Island in the Strait of Georgia.
Ottawa Naturalist, vol. 15, 1901.
Mesozoic fossils. Part 5. On some additional fossils from the Vancouver Cretaceous, with a revised list of the species therefrom.
Canada Geoogical Survey, Mesozoic fossils, vol. 1, 1903.
Uintacrinas and *Hemiaster* in the Vancouver Cretaceous.
American Journal of Science, 4th series, vol. 18, 1904.
Description of a Canadian species of *Peltoceras.*
Ottawa Naturalist, vol. 21, No. 5, 1907.
Description of a new species of ammonite, of the genus *Stephcoceras*, from some rock of presumably Jurassic age in the Nicola Valley, B. C..
Ottawa Naturalist, vol. 23, No. 2, 1909.

Whitfield (Robt. Parr) *Gastropoda* and *Cephalopoda* of the Raritan clays and greensand marls of New Jersey.
New Jersey Geological Survey, Paleontology, vol. 2, 1892.
Gastropoda and Cephalopoda of the Raritan clays and greensand marl of New Jersey.
U. S. Geological Survey Monograph No. 18, 1892.
Descriptions of species of Rudistæ from the Cretaceous rocks of Jamaica, W. I.
American Museum of Natural History, Bulletin, vol. 9, 1897.
Note on a very fine example of *Helioceras stevensoni* preserving the outer chamber.
American Museum Natural History, Bulletin, vol. 14, 1901.
Observations on an emended description of *Heteroceras simplicostatum* Whitfield.
American Museum Natural History, Bulletin, vol. 16, 1902.
Notice of six new species of Unios from the Laramie group.
American Museum Natural History, Bulletin. vol. 19, 1903.
Notice of an American species of the genus *Hoploparia* McCoy, from the Cretaceous of Montana.
American Museum Natural History, Bulletin, vol. 23, 1907.

Whitfield (R. P.) and Hovey (E. O.) Remarks on and descriptions of (invertebrate) Jurassic fossils of the Black Hills.
American Museum Natural History, Bulletin, vol. 22, 1906.

Whitney (F. L.) Fauna of the Buda limestone.
University of Texas Bulletin, 184, 1911.
Fauna of the Buda limestone.
Texas Academy Science Transactions, vol. 12, 1913.

The Echinoidea of the Buda limestone.
Bulletin American Paleontology, vol. 5, No. 26, 1916.

Woodward (Anthony) The Cretaceous Foraminifera of New Jersey.
New York Microscopical Society, Journal, vol. 10, 1894.

Woodward (Henry) On some podophthalmatous Crustacea from the Crustaceous formations of Vancouver and Queen Charlotte islands.
Geological Society of London, Quarterly Journal, vol. 52, 1896.
Further notes on podophthalmatous Crustaceans from the upper Cretaceous formations of British Columbia, etc.
Geological Magazine, new series, decade 4, vol. 7, 1900.

Woodward (A.) and **Thomas (B. W.)** The microscopical fauna of the Cretaceous in Minnesota, with additions from Nebraska and Illinois (Foraminifera, Radiolaria, coccoliths, rhabdoliths).
Minnesota Geological Final Report, vol. 3, pt. 1, 1895.

PART II

LIST OF FOSSILS

Acanthoceras compressum n. sp. Anderson
Cal.Acad. Sci. Proc., 3rd ser., Geol., vol. 2, 1902, No. 1, p. 107, pl. IX, fig. 187.
Formation: Cretaceous, Lower Chico beds
Location: Los Angeles County, Cailfornia

— **coloradoensis** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 259, pl. XIII, figs. 10, 11
Formation: Cretaceous, Fort Benton Shales
Location: Boulder, Colorado

— **hoplitoides** n. sp. Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft 4, 1904, p. 19, Taf. III (XV), figs. 3a, 3b
Formation: Cretaceous
Location: Austin, Texas

— ? **justinae** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 38, pl. VII, figs. 1-3
Formation: Cretaceous, Lower Trinity
Location: Texas

— ? **kanabense** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 181, pl. XXXVI, figs. 6-8
Formation: Cretaceous
Location: New Braunfels, Texas; Utah

— **Mantelli** (Sow.) Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft. 4, 1904, p. 18 (no plate)
Formation: Cretaceous
Location: Texas

— **rhotomagense** Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft 4, 1904, pl. 17 (no plate)
Formation: Cretaceous
Location: Texas

— **woolgari** Mantell sp. Whiteaves
Canadian Roy. Soc., Proc. and Trans., vol. 10, sec. IV, 1892, p. 119
Formation: Cretaceous, La Biche shale
Location: District of Athabasca, Canada

— **worthense** n. sp. Adkins
University of Texas Bull., No. 1856, 1918, p. 93, pl. I, figs. 11–13, 15–17, 20–25
Formation: Cretaceous, Pawpaw
Location: Near Fort Worth, Texas

Acanthodiscus euthymiformis n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 187, Lám. XLIV, figs. 8, 12, 13, 16
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
— **transatlanticus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 186, Lám. XLIV, figs. 9, 11, 14, 15, 23
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
Acila — see Nucula
Acirsa corrugata n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 300, pl. XVIII, fig. 9
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
— **microstriata** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 299, pl. XVIII, fig. 8
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Acmaea cerrillosensis n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 127, pl. I, fig. 9a, b
Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico
— **cerrillosensis** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 199, pl. I, fig. 9, a, b
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico
Acompsoceras n. gen. Hyatt
U. S. Geol. Sur. Mon., 44, 1903, p. 111, no pl.
Formation: Cretaceous
Aconeceras n. gen. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 100, no pl.
Formation: Cretaceous
Acrochordiceras (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 177, no pl.
Formation: Triassic
— **alternans** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 38, pl. XXII, figs. 15–17, pl. XXIII, figs. 4, 5
Formation: Triassic
Location: West Humboldt Range, Nevada
— **foltzense** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 39, pl. XXII, figs. 13–14
Formation: Triassic
Location: West Humboldt Range, Nevada
— **hyatti** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 178, pl. XXIII, figs. 8–11
Formation: Triassic
Location: West Humboldt Range, Nevada
— **hyatti** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 39, pl. IV, figs. 8–11, pl. XV, figs. 5–5a
Formation: Triassic
Location: West Humboldt Range, Nevada

— **inyoense** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 40, pl. XXXIV, figs. 11–13
Formation: Triassic
Location: Inyo county, California

Actaeon (Montfort) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 397, no pl.
Formation: Cretaceous
Location: Maryland

— **cretacea** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 158, pl. XIX, figs. 9–12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **cretacea** Whitfield
U. S. Geol. Sur. Mon. 18, p. 158, 1892, pl. XIX, figs. 9–12
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey

— **cretacea** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 805, pl. XCIX, figs. 1–6
Formation: Cretaceous, Wenonah Sand, Navesink marl
Location: New Jersey

— **forbesiana** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 157, pl. XIX, figs. 17–22
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **forbesiana** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 157, pl. XIX, figs. 17–22
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **gabbana** Whitfield, Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 807, pl. XCIX, figs. 7–8
Formation: Cretaceous, Woodbury clay, Navesink marl
Location: New Jersey

— **gabbana** n. sp. Whitfield
Geol. Sur. of N. J., vol. 2, 1892, p. 156, pl. XIX, figs. 23–25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **gabbana** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 156, pl. XIX, figs. 23–25
Formation: Cretaceous, Lower Green Marls
Location: Tinton Falls, New Jersey

— **gabbana** (Whitfield) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 398, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey; Maryland

— **linteus** (Conrad) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 397, pl. XVIII, figs. 3, 4
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland, Mississippi

— **propinquus** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, p. 161, 1893, pl. XXXIV, figs. 5–8
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano Park, Colorado

— **propinquus** (Stanton) Herrick-Johnson
Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, pl. XLIV,

figs. 5–8
Formation: Cretaceous
Location: New Mexico
— **propinquus** (Stanton) Shimer and Blodgett
Amer. Journ. Sci., ser. 4, vol. 25, 1908, p. 65
Formation: Cretaceous
Location: Fort Benton, or possibly Niobrara
— **propinquus** Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 161, pl. XXXIV, figs. 5–8
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano Park, Colorado
— **subovoides** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 155, pl. XIX, figs. 14–16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **subovoides** Whitfield
U. S. Geo. Sur. Mon. 18, 1892, p. 155, pl. XIX, figs. 14–16
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
Actaeonella aff. **Grossouvrei**, Cossm., E. Böse
Inst. Geol. de México, Bol. 24, p. 91, 1906, no plate
Formation: Cretaceous, Senonian
Location: Tampico á San Luis Potosí
— **(Trochcataeon) acutissima** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 79, Lám. XVI, figs. 4–11
Formation: Cretaceous, Senonian
Location: Between Cárdenas and Escontría, Mexico
— **(Trochactaeon) brevis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 85, Lám. XVIII, figs. 1–7
Formation: Cretaceous, Senonian
Location: Mexico
— **(Trochactaeon) coneformis** n. sp. Böse
Inst. Geol. de Máxico, Bol. 24, 1906, p. 78, Lám. XVI, figs. 12–21
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
— **(Trochactaeon)** aff. **gigantica** (Sow.) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 82, Lám. XVII, fig. 1
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
— **(Trochactaeon) inconstans** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 83, Lám. XVII, figs. 11–19
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
— **(Trochactaeon) irregularis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 84, Lám. XVII, figs. 20–27
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
— **(Trochactaeon) occidentalis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 81, Lám. XVII, figs. 2–10
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
— **(Trochactaeon) planilateris** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 87, Lám. XVIII, figs. 8–13
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas

— **(Trochactaeon) potosiana** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 88, Lám. XVIII, figs. 14–25
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
— **(Trochactaeon) variabilis** n. sp Böse
Inst. Geol. de México, Bol. 24, 1906, p. 90, Lám. XVIII, figs. 26–34
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
Actaeonina (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 409, no pl.
Formation: Cretaceous
Location: Maryland
— **forbesiana** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 410, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
— **maloniana** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 99, pl. XX, fig. 14
Formation: Jurassic
Location: Malone, Texas
Admetopsis ? elevata n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 203, pl. I, fig. 14
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mountain, New Mexico
Admetopsis ? elevata n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 131, pl. I, fig. 14
Formation: Cretaceous, St. Pierre
Location: Santa Rosa Mountain, New Mexico
Admetopsis humerosa n. sp. Stanton
U. S. Geol. Sur., Bull. 106, p. 160, 1893, pl. XXXIII, figs. 4, 5
Formation: Cretaceous, Colorado
Location: Southwest Utah, near Iron City
— **rhomboides** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, p. 158, 1893, pl. XXXIII, fig. 3
Formation: Cretaceous
Location: Near base of Cretaceous section at Coalville, Utah
— **subfusiformis** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 159, pl. XXXIII, figs. 1, 2
Formation: Cretaceous
Location: Coalville, Utah
Aenona (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 697, no pl.
Formation: Cretaceous
Location: Maryland
— **eufalensis** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 697, pl. XLII, figs. 3, 4
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; Georgia; Alabama; Mississippi
— **eufaulensis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 623, pl. LXX, figs. 24, 25
Formation: Cretaceous, Woodbury clay
Location: New Jersey; Alabama; Mississippi; Texas
— **papyria** (Conrad) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 624, pl. LXX, fig. 26
Formation: Cretaceous, Woodbury clay
Location: New Jersey

Agglutinantia McClung
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 420, no pl.
Formation: Silurian to Recent

Agria davidsoni (Hill) Toucas
Mémoires de la Soc. Géol. de France, Paléontologie Mémoire, Tome XIV, Fascicule 4, No. 36, 1907, p. 24, pl. II, fig. 1, 1a
Formation: Cretaceous, Caprina limestone beds
Location: Texas

Aguileria cumminsi (White) Cragin
Texas Geol. Sur., Fourth Ann. Rep., 1893, p. 167 of Part II, no pl.
Formation: Cretaceous, Lower Cross Timber sands
Location: Southwest of Lewisville, Texas

Alaria fairbanksi n. sp. Davis
Jour. Geol., vol. 21, 1913, p. 456, fig. 1
Formation: Jurassic, Franciscan slate
Location: Slate's Springs, California

— **rostrata** Whitfield
U. S. Geol. Sur., Mon. 18, p. 119, 1892, pl. XIV, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Near Burlington, New Jersey

— **rostrata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 119, pl. XIV, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

Alectryonia see **Ostrea**

Alectryonia carinata (Lamarck) Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 12, pl. 1, figs. 1, 2
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas

— **carinata** (Lamarck) Whitney
Univ. of Texas, Bull. 184, 1911, p. 12, pl. I, figs. 1, 2
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas

— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 21, no pl.
Formation: Cretaceous, Buda
Location: Austin, Texas

Amauropsis (Mörch) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 502, no pl.
Formation: Cretaceous
Location: Maryland

Amauropsis alveata (Conrad) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. I, 1894, p. 1032, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejo
Location: California

— **bulbiformis** (Sow.) Herrick-Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, figs. 2–4 (no description)
Formation: Cretaceous
Location: New Mexico

— **bulbiformis** (Sow.) Stanton
U. S. Geol. Sur., Bull. 106, p. 137, 1893, pl. XXX, figs. 2–4

Formation: Cretaceous, Pugnellus sandstone, Benton Shale
Location: Colorado

— **compacta** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 504, pl. XIII, figs. 3, 4
Formation: Cretaceous, Monmouth
Location: Prince George's County, Maryland

— **meekana** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 503, no pl.
Formation: Cretaceous, Matawan
Location: Delaware

— **meekana** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 681, pl. LXXVII, figs. 1–3
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey

— **meekana** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 131, pl. XVI, figs. 22–25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **meekana** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 131, pl. XVI, figs. 22–25
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey

— **punctata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 682, pl. LXXVII, figs. 4–6
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **punctata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 132, pl. XVI, figs. 17–21
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **punctata** Whitfield
U. S. Geol. Sur., Mon. 18, p. 132, 1892, pl. XVI, figs. 17–21
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey

— **suciensis** n. sp. Whiteaves
Geol. Sur. Canada, Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 336, no pl.
Formation: Cretaceous
Location: Nanaimo River, Vancouver Island; Sucia Island in Straits of Georgia

— **tenuistriata** Whiteaves
Geol. Sur. Canada, Mesozoic Fossils, vol. 4, p. 287, 1900, no pl.
Formation: Mesozoic coal bearing rocks
Location: Queen Charlotte Island

— **utahensis** (White) Herrick-Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, fig. 1
Formation: Cretaceous
Location: New Mexico

— **utahensis** (White) Stanton
U. S. Geol. Sur. Bull. 106, p. 138, 1893, pl. XXX, fig. 1
Formation: Cretaceous
Location: Coalville, Utah

Amberleya dilleri n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1896, p. 68, pl. XII, figs. 7–9

Formation: Cretaceous
Location: Paskenta, California

— **dilleri** (Stanton) Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, pl. XXXI, fig. 2 (no description)
Formation: Cretaceous
Location: Knoxville and Chico, California

— **graysonensis** n. sp. Adkins
Univ. of Texas Bull., No. 1856, 1918, p. 137, pl. VI, fig. 5
Formation: Comanchean, Weno
Location: Denison, Texas

— **greonlandica** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Pal. No. 10, 1911, p. 482, pl. XXXV, fig. 5
Formation: Jurassic
Location: Store Koldewey Island, Greenland

— **greonlandica** n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 482, pl. XXXV, fig. 5
Formation: Jurassic
Location: Store Koldewey, Greenland

— **Jasicofiana** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 482
Formation: Jurassic
Location: "4 Saenkning" Store Koldewey, Greenland

Jasicofiana (d'Orbigny sp. ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., 10, 1911, p. 482
Formation: Jurassic
Location: "4 Saenkning," Store Koldewey Island, Greenland

Ambocardia cooki (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 548, pl. LX, figs. 1, 2
Formation: Cretaceous, Raritan clay
Location: New Jersey

Amioceras nevadanum Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.
Formation: Triassic
Location: Nevada

Ammonites complexus Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 249, pl. XLI, figs. 5–7
Formation: Cretaceous, Lower Green marls
Location: New Jersey

— **complexus** Whitfield
U. S. Geol. Sur., Mon. 18, p. 249, 1892, pl. XLI, figs. 5–7
Formation: Cretaceous, marls
Location: Holindel, New Jersey

— **(Amaltheus) cordiformis** Whitfield and Hovey
Amer. Mus. Nat. Hist., Bull., vol. 22, 1906, p. 401, pl. LII, LIII, LIV, LV, LVI, LVII, LVIII, LIX, LX, figs. 1, 2
Formation: Jurassic
Location: Black Hills

— **delawarensis** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 252, pl. XLII, figs. 6–9, pl. XLIII, figs. 1–2
Formation: Cretaceous

Location: New Jersey; Delaware; Alabama
— **delawarensis** Whitfield
U. S. Geol. Sur., Mon. 18, p. 252, 1892, pl. XLII, figs. 6–9, pl. XLIII, figs. 1–2
Formation: Cretaceous, Marls
Location: Burlington, New Jersey
— **dentato-carinatus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 250, pl. XLI, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **dentato-carinatus** Whitfield
U. S. Geol. Sur., Mon. 18, p. 250, 1892, pl. XLI, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **jugalis (Gabb)** Stanton
U. S. Geol. Sur., 17th Ann. Rep., pt. I, 1896, p. 1031, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California
— **(Sphenodiscus) lenticularis** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 258, pl. XLI, figs. 8, 9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **(Sphenodiscus) lenticularis** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 258, pl. XLI, figs. 8, 9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **(Placenticeras) placenta** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 255, pl. XL, fig. 1, pl. XLI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama; Mississippi; Tennessee; New Mexico
— **(Placenticeras) placenta** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 255, pl. XL, fig. 1, pl. XLI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama; Mississippi; Tennessee; New Mexico
— sp. — Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 210, pl. V, fig. 31
Formation: Jurassic
Location: Kap Stewart, East Greenland
— **(Olgoceras) subtumidum** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 400, pl. LX, figs. 3–5, pl. LXI, figs. 1, 2, pl. LXII
Formation: Jurassic
Location: Black Hills
— **(Placenticeras) telifer** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 257, pl. LXI, figs. 10, 11
Formation: Cretaceous
Location: New Jersey
— **(Placenticeras) telifer** Whitfield
U. S. Geol. Sur., Mon. 18, p. 257, 1892, pl. LXI, figs. 10, 11
Formation: Cretaceous
Location: New Jersey
— **vanuxemi** Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 253, pl. XLII, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **vanuxemi** Whitfield
U. S. Geol. Sur., Mon. 18, p. 253, 1892, pl. XLII, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: Burlington County, New Jersey

Amnicola ? cretacea n. sp. Stanton
U. S. Geol. Sur., Mon. 32, Pt. 2, 1899, p. 633, pl. LXXV, fig. 8
Formation: Cretaceous, Dakota and Montana formations
Location: Yellowstone National Park

Amoeboceras dubium (Hyatt) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 38, pl. XXIV, figs. 5–8
Formation: Jurassic, Mariposa slates
Location: Texas ranch, Calaveras Co., Cal.

Amphilblestrum heteropora (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, p. 333, pl. XXIII, 1907, figs. 14–16
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **heteropora** (Gabb and Horn) Bassler
MarylandGeol. Sur., U. Cret., 1916, p. 740, pl. XLVI, figs. 5, 6
Formation: Cretaceous, Rancocas
Location: Delaware

Ampullina see **Natica**

Amusium aurarium (Meek) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 431, no pl.
Formation: Jurassic
Location: California

Anagymnites see **Gymnites**

Ananchytes ovalis (Clark) Weller
Geol. Sur. N. J. Pal., vol. IV, 1907, p. 295, pl. XIII, figs. 1–8
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **ovalis** Clark
U. S. Geol. Bull. 97, 1893, p. 74, pl. XXXVI, fig. 1a–h
Formation: Cretaceous,Yellow limestone beds
Location: Vincentown, New Jersey

— **ovalis** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 81, pl. XXXV, figs. 1a–b
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey

— **texana** (Cragin) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 82, pl. XXXV, figs. 2a–e, pl. XXXVI, figs. 1a–b
Formation: Cretaceous,Austin, Anona
Location: Medina county, Texas; Arkansas

— **texana** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 145, pl. XXVI, figs. 1–2, pl. XXV, fig. 12
Formation: Cretaceous, Anancacho
Location: Texas

Anatimya anteradiata (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 519, pl. LVII, fig. 12
Formation: Cretaceous, Woodbury clay, Wenonah sand
Location: New Jersey; Mississippi

— **lata** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 521, pl. LVII, fig. 13
Formation: Cretaceous, Wenonah sand
Location: New Jersey

Anatina austinensis n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 29, pl. XVIII, figs. 1, 2
Formation: Cretaceous
Location: Austin, Texas

— **cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 517, pl. LVII, figs. 5-6
Formation: Cretaceous, Cliffwood clay
Location: New Jersey

— **doddsi** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34. 1908, p. 262, pl. XIII, figs. 3, 4
Formation: Cretaceous, Pierre
Location: Colorado

— **jamesburgensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 517, pl. LVII, fig. 7
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

— **lineata** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 117, pl. XXVI, figs. 3, 4
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano county, Colorado

— **lineata** (Stanton) Herrick-Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI, figs. 3, 4 (no description)
Formation: Cretaceous
Location: New Mexico

— **obliquiplicata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 85, pl. XVI, figs. 7, 8
Formation: Jurassic
Location: Malone, Texas

— **pliculifera** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 86, pl. XVI, figs. 9, 10
Formation: Jurassic
Location: Malone, Texas

— **(Cercomya) punctata** n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 628, pl. LXXIV, fig. 5
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **(Cercomya) semiradiata** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 288, pl. XXXVII, fig. 4
Formation: Creaceous
Location: East end of Maud Island; Queen Charlotte Islands

— **(Cercomya)** sp. Stanton
U. S. Geol. Sur., pt. 2, Mon. 32, 1899, p. 628, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **subcylindracea** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, p. 374, pl. 45, fig. 11
Formation: Cretaceous
Location: Brennan Creek, Vancouver Island

— **subgracilis** (Whitfield) Stanton and Vaughn

U. S. Geol. Sur. Prof. Paper 128, 1920, p. 26, pl. XXX, figs. 4a, 4b; 5a, 5b
Formation: Cannonball
Location: Lemmon, S. Dak.; Cedar Creek, N. Dak.

— **sulcatina** ? (Shumard) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 374, no pl.
Formation: Cretaceous
Location: Sucia Islands

— **texana** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 168, pl. LI, fig. 5
Formation: Cretaceous, Commanche Peak Limestone
Location: Two miles above Georgetown on the San Gabriel river. Texas

— **texana** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 30, pl. XVIII, fig. 3
Formation: Cretaceous
Location: Austin, Texas

— **tosta** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 168, no pl.
Formation: Cretaceous
Location: Malone, Texas

Anatomites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 47
Formation: Triassic

Anchura (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 470, no pl.
Formation: Cretaceous
Location: Maryland

— **abrupta** ? Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 113, pl. XIV, figs. 1–3
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **abrupta** ? Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 113, pl. XIV, figs. 1–3
Formation: Cretaceous: Lower Marls
Location: Near Burlington, New Jersey

— **abrupta** var. **acutispira** n. var. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 114, pl. XIV, fig. 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **abrupta** var. **acutispira** n. var. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 114, pl. XIV, fig. 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **(Drepanochilus) americana** (Evans and Shumard) Stanton an Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 37, pl. VI, fig. 13
Formation: Cannonball
Location: Grand and Moreau Rivers, N. Dak.

— **(Drepanochilus) americana** var. **pusilla** Stanton n. var. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 38, pl. VI, figs. 14–15
Formation: Cannonball
Location: Grand River post office S. Dak., Lemmon, S. Dak., Almont and Solen, N. Dak.

— **arenaria** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 717, pl. LXXXIII, fig. 5
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **arenaria** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 112, pl. XIV, fig. 10
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **arenaria** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 112, pl. XIV, fig. 10
Formation: Lower Marls
Location: Near Burlington, New Jersey
— **bebe** (Whitfield) (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 475, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
— **callosa** n. sp. Whitfield
Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 358
Formation: Cretaceous
Location: Trent River, Vancouver Island
— **(Drepanochilus) compressa** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 117, pl. XIII, figs. 22–25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Drepanochilus) compressa** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 117, pl. XIII, figs. 22–25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **condoniana** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser., Geol., vol. 2, 1902, No. 1, p. 76, pl. VIII, fig. 179
Formation: Cretaceous, Lower Chico beds
Location: Phoenix, Oregon
— **kiowana** n. sp. Cragin
Colo. College Studies, 5th Ann. Pub., 1894, p. 66, no pl.
Formation: Cretaceous, Kiowa Shales
Location: Kansas
— **modesta** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 218, no pl.
Formation: Cretaceous, Eagle Ford
Location: Whitesboro, Texas
— ? **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 476, pl. XV, figs. 2, 3
Formation: Cretaceous, Monmouth
Location: Prince George's county, Maryland
— **mudgeana** (White) Adkins
Univ. of Texas Bull., No. 1856, 1918, p. 139, pl. X, figs. 39, 40
Formation: Cretaceous, Weno
Location: Denison and Gainesville, Texas
— **pagodaformis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 116, pl. XIV, figs. 15, 16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **pagodaformis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 116, pl. XIV, figs. 15, 16

Formation: Cretaceous, Lower Marl Bed
Location: Monmouth county, New Jersey

— **pennata** (Morton) (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 472, no pl.
Formation: Cretaceous, Monmouth, Selma
Location: Maryland; New Jersey; Alabama

— **pennata** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 711, pl. LXXXI, figs. 10–17
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama

— **pennata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 115, pl. XIV, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **pennata** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 115, pl. XIV, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: Freehold, Mullica Hill, Marlborough, Cream Ridge, New Jersey; Alabama

— ? **pergracilis** n. sp. Johnson
Phil. Acad. Nat. Sci. Proc., 1898, p. 463, fig. 2
Formation: Cretaceous
Location: New Jersey

— **pergracilis** (Johnson) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 713, pl. LXXXI, figs. 18, 19
Formation: Cretaceous, Cliffwood clay, Woodbury clay
Location: New Jersey

— **pergracilis** (Johnson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 476, no pl.
Formation: Cretaceous, Monmouth, Maryland
Location: Maryland; New Jersey

— **(Drepanochilus) perveta** n. sp. Stanton, Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 38, pl. VII, figs. 1a–3b
Formation: Cannoball
Location: Kayser, Price, Mandan, N. Dak.; Morriston, S. Dak.

— **(Drepanochilus) perveta** var. **gracilis** n. var. Stanton, Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 39, pl. VII, figs. 4a, b
Formation: Cannonball
Location: Kayser, Cedar Creek, N. Dak.

— **rostrata** (Gabb) (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 471, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Delaware; New Jersey; Mississippi

— **(Drepanochilus) ruida** (White) Herrick and Johnson
Denison Univ. Sci. Lab., vol. 11, art. 9, 1900, pl. XLIII, figs. 3, 4 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **(Drepanochilus) ruida** Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 145, pl. XXXI, figs. 3, 4
Formation: Cretaceous
Location: Utah

— **rostrata** (Gabb) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 709, pl. LXXXI, figs. 7–9

Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah sand
Location: New Jersey; Mississippi; Texas
— **solitaria** (Whitfield) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 714, pl. LXXXI, fig. 6
Formation: Cretaceous, Merchantville
Location: New Jersey
— **solitaria** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 117, pl. XIV, fig. 9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **solitaria** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 117, pl. XIV, fig. 9
Formation: Lower Green Marls
Location: Haddonfield,New Jersey
— sp. ? Johnson
Phila. Acad. Nat. Sci. Proc., 1898, p. 463, no fig.
Formation: Cretaceous
Location: New Jersey
— ? **sublaevis** (M. and H.) Logan
Kans. Univ. Geol. Sur., vol. 4, 1898, p. 508, no pl.
Formation: Cretaceous, Fort Pierre group
Location: Cheyenne Co., Kansas
Ancilla (Oliverato) n. sub. gen. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 42, no pl.
Formation: Cretaceous
Location: Maysville Butte, California
— **(Oliverato) California** n. sp. Cooper
Cal. Min. Bull. No. 4, 1894, p. 43, pl. I, figs. 6–11
Formation: Cretaceous
Location: California
Ancycloceras bendirei n. sp. Adkins
Univ. of Texas Bull., No. 1856, 1918, p. 70, pl. XI, fig. 1
Formation: Cretaceous, Weno
Location: Near Fort Worth, Texas
Aniscoceras cooperi (Gabb) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, Pt. 5, p. 336, pl. XLIII, fig. 1
Formation: Cretaceous
Location: Queen Charlotte Island
— **subcompressum** (Forbes sp.) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. I, 1903, pt. 5, p. 338, pl. XLV, figs. 1, 1a, 1b
Formation: Cretaceous
Location: Vancouver Island
— **Vancouverense** (Gabb) Whitéaves
Can. Roy. Proc. and Trans., 2nd ser., vol. 1, sec. 4, 1895, p. 130
Formation: Cretaceous
Location: Hornby Island, Vancouver Island
— **Vancouverense** Whiteaves
Can Rec. Sci., vol. 6, 1895, p. 313
Formation: Cretaceous
Location: British Columbia
Anoclites (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3rd. ser., vol. 1, 1904, p. 388, no pl.

Formation: Triassic
— (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 196, no pl.
Formation: Triassic
Location: Nevada
Anodonta parallela (White) Stanton and Hatcher
U. S. Geol. Sur., Bull. 257, 1905, p. 107, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **propatoris** (White) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 107, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
Anodontopleura speciosa (Felix) Douvillé
Soc. Géol. France, Bull., 3rd ser., No. 28, 1900, p. 216
Formation: Cretaceous
Location: Mexico
Anomalina ammonoides (Reuss) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 261, pl. IX, figs. 26–29
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **ammonoides** Reuss sp. Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Report, 1895, vol. 3, pt. 1, p. 44, pl. D, figs. 28, 29
Formation: Cretaceous
Location: Nebraska; Illinois
— **ammonoides** (Reuss) Bagg
U. S. Geol. Sur., Bull. 88, 1898, p. 67, pl. VI, fig. 5
Formation: Cretaceous, Recent
Location: Various localities in New Jersey
— **ammonoides** (Reuss) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 137
Formation: Cretaceous
Location: Bruer's pits, Crosswick's Creek, Timber Creek, N. J.
— **grosserugosa** (Gümbel) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 262, pl. IV, figs. 22, 25
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Anomalofusus n. subgen. Wade—see **Fusus**
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 461
Anomia (Müller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 607, no pl.
Formation: Cretaceous
Location: Maryland
— **argentaria** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 608, pl. XXXV, figs. 1, 2
Formation: Cretaceous, Matawan, Monmouth, Rancocas, Magothy, Peedee, Eutaw, Selma, Senonian of Mexico
Location: Maryland; Delaware; New Jersey; North Carolina; South Carolina; Georgia; Alabama; Mississippi; Mexico
— **argentaria** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 496, pl. LIV, figs. 11–15
Formation: Cretaceous: Cliffwood clay, Merchantville clay-marl, Woodbury clay, Marshalltown clay-marl, Weno sand, Red Banks sand

Location: New Jersey; North Carolina; Alabama; Mississippi; Arkansas; Texas
— **argentaria** (Morton) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 38, Lám. I, fig. 8
Formation: Cretaceous, Senoniano inferior
Location: Near Cárdenas, Mexico
— **concentrica** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 67, pl. VIII, fig. 7
Formation: Cretaceous
Location: Wyoming
— **forteplicata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 613, pl. XXXV, figs. 7–10
Formation: Cretaceous, Monmouth
Location: Maryland
— **geniculata** n. sp. Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 14, pl. II, figs. 4, 5
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **geniculata** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 14, pl. II, figs. 4, 5
Formation: Cretaceous, Buda
Location: Austin, Texas
— **gryphaeiformis** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 311, pl. LXXIX, figs. 4–6
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **gryphorhynchus** (Meek) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 38, Lám. I, fig. 9
Formation: Cretaceous, Lower Senonian
Location: San Luis Potosi, Mexico
— **gryphorhynchus** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 105, no pl.
Formation: Cretaceous, Judith River Beds
Location: Woming
— **gryphorhynchus** (Meek) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 311, pl. LXXIX, figs. 7, 8
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **linensis** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1900, pt. 4, p. 301, pl. XXXIX, fig. 2
Formation: Cretaceous
Location: Queen Charlotte group
— **mexicana** n. sp. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 41, Lám. V, figs. 2–4
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico
— **micronema** (Meek) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 40, Lám. IV, figs. 12–22
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico
— **micronema** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous
Location: Saskatchewan, Canada; Montana

— **obliqua** (M. and H.) Stanton
U. S. Geol. Sur., Bull. 106, p. 68, 1893, no pl., (no description)
Formation: Cretaceous, Niobrara Division
Location: Colorado

— **omata** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 612, pl. XXXV, figs. 5, 6
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; Georgia

— **propatoris** White, Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 64
Formation: Cretaceous, Fort Benton
Location: New Mexico

— **propatoris** White, Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 67, pl. VIII, fig. 10
Formation: Cretaceous, Pugnellus Sandstone
Location: Colorado

— **radiata** n. sp. Weller
Geol. Sur. N. J. Pal., p. 499, pl. LIV, figs. 16, 17
Formation: Cretaceous, Merchantville clay marl, Woodbury clay
Location: New Jersey

— **senescens** n. sp. Stanton
U. S. Geol. Sur., Bull. 133, p. 35, pl. II, 1896, fig. 2
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California

— sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Montana
Location: Yellowstone National Park

— **subquadrata** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 66, pl. VIII, figs. 8, 9
Formation: Cretaceous, Pugnellus Sandstone
Location: Colorado

— **subtruncata** (d' Orbigny) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 41, Lám. V, fig. 1
Formation: Cretaceous, Senonian (lower part)
Location: Coahuila

— **tellinoides** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 610, pl. XXXV, figs. 3, 4
Formation: Cretaceous, Monmouth
Location: Delaware; New Jersey

— **texana** n. sp. Hill
Washington Biol. Soc. Proc., vol. 8, 1893, p. 22, pl. I, fig. 5
Formation: Cretaceous, Glen Rose
Location: Arkansas; Texas

— **vancouverensis** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 402, no pl.
Formation: Cretaceous
Location: Texada Island

Anoplophora cf. (?) **ephippium** (J. Bohm) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 37, pl. III, fig. 6
Formation: Triassic
Location: Hutinsel im Bayfjord

— **Wilbrahamensis** Emerson

Amer. Journ. Sci., 4th ser., vol. 10, 1900, p. 58, fig. 1
Formation: Triassic
Location: Wilbraham, Mass.
Anotomites see **Juvavites**
Antigona (Schumacher) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 681, no pl.
Formation: Cretaceous
Location: Maryland
— **(Aphrodina) tippana** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 681, pl. XL, figs. 3, 4
Formation: Cretaceous, Monmouth, Magothy, Ripley
Location: Maryland; New Jersey; Mississippi; Alabama; Georgia
Aphrodina (Conrad) Gardner see **Antigona**
Maryland Geol. Sur., U. Cret., 1916, p. 681, no pl.
Formation: Cretaceous
Location: Maryland
Aporhais (Goniocheila) castorensis (Whitfield) Herrick and Johnson
Denison Univ. Sci. Lab., Bull. 11, art. 9, 1900, pl. XLIII, fig. 1 (no description)
Formation: Cretaceous
Location: Albuquerque, New Mexico
— **(Goniocheila) castorensis** (Whitfield) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 143, pl. XXXI, fig. 1
Formation: Cretaceous, Fort Benton group ?
Location: Black Hills of South Dakota
— **(Perissoptera ?) prolabiata** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, fig. 2 (no description)
Formation: Cretaceous
Location: Albuquerque mesa, New Mexico
— **(Perissoptera ?) prolabiata** (White) sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 144, pl. XXXI, fig. 2
Formation: Cretaceous
Location: Utah
— sp. (I) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 484
Formation: Cretaceous
Location: Danmarks Havn
— sp. (I) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 484
Formation: Cretaceous
Location: Danmarks Havn
— sp. (II) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 485
Formation: Cretaceous
Location: Danmarks Havn
— sp. (II) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1903, p. 485
Formation: Cretaceous
Location: Danmarks Havn
— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 72, no pl.

Formation: Cretaceous, Knoxville beds
Location: Tehana County, California
Aptychus ? knoxvillensis n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 83, pl. XVIII, figs. 1, 2
Formation: Cretaceous
Location: Knoxville, California
— **mexicanus** n. sp. Aguilera
Com. Geol. Méx., Bol. 1, 1895, p. 45, Lám. XXIII, fig. 8
Formation: Jurassic
Location: Mexico
Araucarites Wardi Hill (? **Porocystis pruniformis**) Rauff
Neues Jahrb. für Mineralogie, I Band, 1895, pp. 1–15, woodcut. p. 7, pl. I
Formation: Cretaceous, Glen Rose
Location: Texas
— **Wardi** Hill
Washington Biol. Soc. Proc., vol. 8, 1893, p. 39, pl. I, figs. 1, a, b, c, d
Formation: Cretaceous, Glen Rose
Location: Colorado River Section, Texas
(Although Araucarites is a plant, it is here included because the fossil in question is, by some, supposed to be an animal.)
Arca (Linné) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 535, no pl.
Formation: Cretaceous
Location: Maryland
— **(Nemodon) Cumshewensis** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 294, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
— **? dumbli** Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 51, pl. VI, fig. 6
Formation: Jurassic
Location: Malone, Texas
— **galliennei** var. **tramitensis** n. var. Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 168, no pl.
Formation: Cretaceous, Cross Timber sands
Location: Texas
— **madridensis** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, p. 122, pl. I, fig. 2
Formation: Cretaceous, Fort Pierre
Location: Madrid, New Mexico
— **madridensis** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 194, pl. I, fig. 2
Formation: Cretaceous, Fort Pierre Sandstone
Location: New Mexico
— **obesa** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 409, pl. XXXIV, fig. 9
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **obesa** ((Whitfield) Weller) Gardner
Maryland Geol. Soc., U. Cret., 1916, p. 536, no pl.
Formation: Cretaceous, Matawan

Location: Maryland; New Jersey
— **quindecemradiata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1917, p. 410, pl. XXXIV, figs. 2, 3
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **rostellata** (Morton) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 408, pl. XXXIV, figs. 4, 5
Formation: Cretaceou,s Navesink marl
Location: New Jersey
— **(Barbatia) Saffordi** (Gabb)
Maryland Geol. Sur., U. Cret., 1916, p. 537, pl. XXI, fig. 34
Formation: Cretaceous, Matawan, Ripley, Pierre, Monmouth
Location: Maryland; New Jersey; Tennessee; Western Interior
— **(Nemodon) simillima** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 293, no pl.
Formation: Cretaceous, Lower Shales
Location: Queen Charlotte Islands
— **(Trigonarca) siouxensis** (H. and M.) Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 170, no pl.
Formation: Cretaceous, Upper member of Lower Cross Timber Sandstone
Location: Texas
— sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 74, pl. XIX, figs. 16–20
Formation: Creaceous, Pawpaw
Location: North Texas
— sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 638, no pl. (no description)
Formation: Cretaceous, Montana
Location: Yellowstone National Park
— **taffii** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 50, pl. VI, figs. 7, 8
Formation: Jurassic
Location: Malone, Texas
— **tahamaensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 50, pl. VI, fig. 8
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California
— **textrina** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 50, pl. VI, fig. 6, 7
Formation: Cretaceous
Location: Tehama county, California
— **uniopsis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 407, pl. XXXIV, figs. 6–8
Formation: Cretaceous, Merchantville clay-marl ?; Navesink marl, Atlantic highlands
Location: New Jersey
— **vancouverensis** (Meek) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 392, no pl.
Formation: Cretaceous
Location: Nanimo, Vancouver Island
— **vancouverensis** (Meek) Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, pl. XXXI, fig. 6
Formation: Cretaceous, Knoxville and Chico
Location: California

— **(Barbatia) vandi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 539, pl. XXI, figs. 5, 6
Formation: Cretaceous, Matawan
Location: Maryland
— **washitaensis** n. sp. A dkins
Univ. of Texas Bull. No. 1856, 1918, p. 121, pl. X, fig. 5
Formation: Cretaceous, Pawpaw, Grayson and Denton
Formation: Fort Worth, Texas
Arcestes andersoni Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 74, pl. LVI, figs. 1–9
Formation: Triassic
Location: Nevada
— **(Proarcestes) gabbi (Meek)** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 43, pl. XIV, figs. 6a, 6b, pl. XXI, figs. 1, 2, pl. XLVIII, figs. 1–3, pl. XCIII, figs. 19, 20
Formation: Triassic
Location: Humboldt range, Nevada
— **(Proarcestes) hartzelli** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 43, pl. XCIII, figs. 17, 18
Formation: Triassic
Location: Humboldt range, Nevada
— **(Proarcestes) nevadanus** (Hyatt) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 44, pl. V, figs. 5–7
Formation: Triassic, Upper Muschelkalk
Location: Volcano, Nevada
— **(Proarcestes) quadrilabiatus** (Hauer) Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 73, no pl.
Formation: Triassic
— **(Proarcestes) pacificus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 75, pl. LXXXI, figs. 1–9, pl. XXXVII, figs. 1–9
Formation: Triassic
Location: Shasta Co., California
Arcestidae (Mojsisovics) Hyatt and Smith
U. S. Geol Sur. Prof. Paper 40, 1905, p. 73, no pl.
Formation: Triassic
Arcestoidea Hyatt and Smith
U. S. Geol Sur. Prof. Paper 40, 1905, p. 70, no pl
Formation: Triassic
Archaeopus n. gen. Rathbun
U. S. Nat. Mus. Proc., vol. 35, 1908, p. 346
— **antenatus** n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 35, 1908, p. 347
Formation: Cretaceous, Chico
Location: Bolsa Point, San Mateo Co., California
Architectonica annosa Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 228, pl. XXXIV, figs. 23–27
Formation: Cretaceous, Upper Green Marls
Location: New Jersey
Arcopagia (Brown) Gardner See **Tellina**
Maryland Geol. Sur., U. Cret., 1916, p. 692, no pl.
Formation: Cretaceous
Location: Maryland
Arnioceras nevadanum Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.

Formation: Jurassic
Location: Nevada
Arpadites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 174, no pl.
Formation: Triassic
— **gabbi** (Hyatt and Smith) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VII, figs. 1–10
Formation: Triassic
Location: California
— **gabbi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 175, pl. XXXIX, fig 1–17, pl. LXXXIII, figs. 1–13
Formation: Triassic
Location: Shasta Co., California
Arctica compacta (White) Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 17, pl. 7, figs. 1–
Formation: Cretaceous, Buda Limestone
Location: Austin, Texas
— **compacta** (White) Whitney
Univ. of Texas Bull. 184, 1911, p. 17, pl. 7, figs. 1–3
Formation: Cretaceous, Buda
Location: Austin, Texas
— **ovata** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 27, pl. IV, figs. 4, 6a, b
Formation: Cretaceous, Cannonball
Location: Mandan, N. Dak.
Asaphis multicostata (Gabb) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 377, no p
Formation: Cretaceous
Location: Sucia Islands
— **multicosta** (Gabb) Merriam
Univ. Cal. Bull. Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
Aspenites n. gen. Hyatt and Smith
U. S. Geol. Survey Prof. Paper 40, 1905, p. 95, no pl.
Formation: Triassic
— **acutus** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. IX, figs. 1–4
Formation: Lower Triassic
Location: Idaho
— **acutus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1906, p. 96, pl. II, figs. 9–13, pl. III, figs. 1–5
Formation: Triassic
Location: California, Idaho
Aspidites (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 152, no pl.
Formation: Triassic
— **hooveri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 153, pl. XVII, figs. 1–12
Formation: Triassic
Location: California
Aspidoceras (Zittel) Roig

Secretaria de Agr., Comercio y Trabajo Bol. Especial, Habana, 1920, p. 28
Formation: Jurassic

Aspidoceras cfr. **Acanthicum** Oppel sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 29, Lám., VII, figs. 1–14
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— **alamitocensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 43, Lám. XXII, fig. 6, Lám. XXIII
Formation: Jurassic
Location: Mexico

— **alamitocensis** (C. & A.) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 109, pl. XXVII, fig. 2
Formation: Jurassic
Location: Malone, Texas

— **Americanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 82, Lám. XX, figs. 1, 3, 5, 7, 8
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **Avellanoides** (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 102, Lám. XXVI, figs. 12–16
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— **bispinosoides** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 71, Lám. XVI, figs. 8–10
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **bispinosum** (Quenstedt) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 34, Lám. V, figs. 5–8
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— aff. **bispinosum** (Quenstedt) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 69, Lám. XVI, figs. 1–6
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **cajense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 123, Lám. XXXIII, figs. 5–8
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **constrictum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 76, Lám. XVIII, figs. 10, 12–15
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **contemporaneum** (Favre) Burckhardt
Inst. Geol. de México, Bo.l 23, 1906, p. 32, Lám. V, figs. 1–4
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— **cyclotum** (Stener) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 119, Lám. XXXII, figs. 3–6
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **durangense** n. sp. Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 75, Lám. XVIII, figs. 5–9, 11, 16
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **euomphaloides** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 37, Lám. VI, figs. 5–8
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— **fallax** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 121, Lám. XXXII, figs. 7–11
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— cfr. **inflatum binodum** (Quenstedt) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 69, Lám. XXVI, figs. 8–11
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— juv. sp. indt. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 14, Lám. IV, figs. 1, 2, 4, 5, 9 and 10
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— **laevigatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 81, Lám. XX, figs. 2, 4, 9
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

Aspidoceras aff. laevigatum (Burckhardt) Roig
Secretaria de Agr., Comercio y Trabajo Bol. Especial, Habana, 1920, p. 29, pl. XIII, fig. 2
Formation: Jurassic, Kimmeridgian
Location: Laguna de Piedra, Viñales, Cuba

— aff. **longispinum** (Sowerby) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 73, Lám. XVI, fig. 7; Lám. XVII, figs. 5–9; Lám. XVIII, figs. 1–4
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **mazapilense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 35, Lám. 8, figs. 13–17
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico

— **neohispanicum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 72, Lám. XVII, figs. 1–4
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango

— **o'connelli** n. sp. Roig
Revista de Agr., Comercio y Trabajo, año 2, No. 12, 1919, p. 591, fig. 7
Formation: Jurassic
Location: Viñales, Cuba

— **o'connelli** n. sp. Roig
Secretaria de Agr., Comercio y Trabajo, Bol. Especial, Habana, 1920, p. 30, pl. XIII, figs. 1, 1a
Formation: Jurassic
Location: Puerta del Ancón, Viñales, Cuba

— **pavlowi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 77, Lám. XIX, figs. 1–3, 5, 9

Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango
— **phosphoriticum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 122, Lám. XXXIII, figs. 1–4
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— juv. sp. indt. du groupe de l'Aspidoceras **Perarmutum** (Sowerby) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 38, Lám. VII, figs. 18–22
Formation: Jurassic, Oxfordian
Location: Cerro del Volcán, Durango
— **pseudomicroplum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 79, Lám. XIX, figs. 4, 6–8, 10
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango
— **quemadense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 31, Lám. VI, figs. 1–4
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico
— sp. Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 30, pl. XII, fig. 2
Formation: Jurassic
Location: Viñales, Cuba
— **Wuertenbergeri** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 12, Lám. IV, figs. 3, 6–8
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— **zacatecanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 124, Lám. XXXIII, figs. 9–12
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
Aspiduca (?) idahoensis, Clark, n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 23, pl. 1, fig. 4
Formation: Triassic
Location: Bear County, Idaho
Astandes n. gen. Wade
Phila. Acad. Nat. Sci. Proc., Vol. 69, 1917, p. 298
— **densatus** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 299, pl. XVII, figs. 7,8
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Astarte alta n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Com. Paleont. No. 10, 1911, p. 473, pl. XXXIV, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
Astarte (?) (Stearnsia) acuminata n. sp. Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 171, pl. XLI, fig. 2
Formation: Cretaceous
Location: Fort Worth, Texas
— **alta** n. sp. Ravn

Meddelelser om Grönland, vol. 45, 1911, p. 473, pl. XXXIV, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island

— **alta** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 473, pl. XXXIV, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island

— ? **amygdaloides** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 206, pl. IV, fig. 23
Formation: Jurassic
Location: Kap Stewart Island, east Greenland

— **Bayi** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1911, p. 204, pl. IV, fig. 22
Formation: Jurassic
Location: Kap Stewart Island, east Greenland

— **Bayi** (Lundgren) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 181, pl. VI, fig. 13
Formation: Jurassic
Location: Vardeklöft, Greenland

— **breviacola** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 64, pl. XI, fig. 4
Formation: Jurassic
Location: Malone, Texas

— **californica** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 57, pl. VI, figs. 19–21
Formation: Cretaceous, Upper Knoxville beds
Location: California

— **Carlottensis** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, p. 292, 1900, no pl.
Formation: Cretaceous, Lower Shales
Location: Alliford Bay

— **corrugata** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 56, pl. VI, fig. 16
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California

— **craticula** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 68, pl. XI, fig. 7
Formation: Jurassic
Location: Malone, Texas

— **dacotensis** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., Vol. 22, 1906, p. 394, pl. XLV, figs. 5–7, pl. XLVI
Formation: Jurassic
Location: Black Hills

— **evansi** H & M, Whitfield, Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton
Location: New Mexico

— **evansi** H & M (Whitfield) Johnson
School of Mines Quart., vol. 24, 1903, No. 2, p. 195, pl. V, figs. 24, a, b, c
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mt., New Mexico

— **evansi** (H & M) (Whitfield) Johnson
Columbia Univ. Cont. Geol. Dept. Vol. X, No. 90, 1903, p. 123, pl. V, fig. 24, a, b, c
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mt., New Mexico
— **Hartzi** (Lundgren) Madsen
Meddelelser om Grönland, vol. 19, 1895, p. 205, pl. IV, fig. 24
Formation: Jurassic
Location: Kap Stewart Island, Greenland
— **Hartzi** (Lundgren) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 181, pl. VI, fig. 12
Formation: Jurassic
Location: Vardeklöft, Greenland
— **? isodontoides** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 67, pl. XI, figs. 8, 9
Formation: Jurassic
Location: Malone, Texas
— **malonensis** Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 65, pl. XI, figs. 10, 11; pl. XII, figs. 1–3
Formation: Jurassic
Location: Malone, Texas
— **meeki** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 620, pl. LXXIII, figs. 3–5
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **minima** (Phillips) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 472
Formation: Jurassic
Location: "Kloft I" "4 Saenkning," Store Koldewey Island
— **minima** (Phillips) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 472
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island
— **packardi** White, Logan
Kans. Univ. Quart., vol. 9, 1900, p. 127, pl. XXVII, figs. 13, 14
Formation: Jurassic
Location: Wyoming
— **posticalva** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 67, pl. XI, figs. 5, 6
Formation: Jurassic
Location: Malone, Texas
— **retrotracta** (Rouillier) Ravn
Meddelelser om Grönland vol. 45, 1911, p. 473
Formation: Jurassic
Location: "4 Saenkning," Store Koldewey Island, Greenland
— **retrotracta** (Rouillier) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 473
Formation: Jurassic
Location: "4 Saenkning," "Store Koldewey" Island, Greenland
— **semidentata** n. sp. Cooper
Cal. Mining Bull. 4, 1894, p. 48, pl. III, figs 44, 45

Formation: Cretaceous
Location: Rose Cañon, California
— sp. cf. **elegans** (Sowerby) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 182, pl. VI, figs. 14, 15
Formation: Jurassic
Location: Mount Nathorst, Greenland
— sp. cf. **Saemanni** (de Loriol) Madsen
Meddelelser om Grönland vol. 29, 1903, p. 183, pl. VI, fig. 16
Formation: Jurassic
Location: Aucella River, Jameson's Land
— sp. Stanton
U. S. Geol. Surv. Mon. 32, pt. 2, 1899, p. 620, no pl.
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **striato-costata** (Münster) Ravn—
Meddelelser om Grönland vol. 45, 1911, p. 471, pl. XXXIII fig. 11
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland
— **striato-costata** Münstr. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 471, pl. XXXIII, fig. 11.
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
— **trapezoidalis** Stanton
U. S. Geol., Bull. 133, 1895, p. 57, pl. VI, figs. 17, 18
Formation: Cretaceous, Knoxville beds
Location: Nehama county, California
— **veta** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1897, p. 549, pl. LX. fig. 3
Formation: Cretaceous, Raritan clay
Location: New Jersey
— **Wandeli** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 204, pl. IV, figs. 21, a, b, c,
Formation: Jurassic
Location: Kap Stewart, East Greenland
Asteria—See Olcostephanus
— **Astieria** cfr. **Artherstoni** (Sharpe) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 185, Lám. XL, figs. 2, 3
Formation: Cretaceous
Location: Mazapil, Mexico
— aff. **psilostoma** (Neumayr et Uhlig) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 183, Lám. XL, fig. 1
Formation: Cretaceous
Location: Mazapil, Mexico
— **Asterias** (?) **dubium** (Whitefield) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 31, pl. V, fig. 2
Formation: Jurassic
Location: Black Hills, Dakota
— **dubium** (Whitfield) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 130, pl. XXV, fig. 3
Formation: Jurassic
Location: Wyoming
— (?)**dubium** (Whitfield) Clark and Twitchell

U. S. Geol. Sur., Mon. 54, 1915, p. 28, pl. III, fig. 6
Formation: Jurassic
Location: Black Hills, South Dakota; Wyoming

Astrocaenia conica n. sp. Logan
Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, p. 215, pl. XXVI, figs. 1–3
Formation: Cretaceous, Benton
Location: Kansas

— **irregularis**, Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 304, no pl.
Formation: Cretaceous, Lower Shales
Location: Maud Island

— **maloniana** n. sp. (Vaughan) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 34, pl. II, figs. 1–3
Formation: Jurassic
Location: Malone, Texas

— **nidiformis** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 50, no pl.
Formation: Cretaceous, Kiowa Shales
Location: Kansas

Astropecten ? montanus n. sp. Douglass
Carnegie Mus. Annual vol. 2, 1903, p. 6, fig. 1
Formation: Cretaceous, Fort Benton
Location: Montana

— **? montanus** (Douglass) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 41, pl. VII, fig. 6
Formation: Cretaceous, Colorado Shales
Location: Montana

Ataphrus pembertoni n. sp. Hall and Ambrose
Nautilus vol. 30, No. 6, 1916, p. 70
Formation: Cretaceous, Chico
Location: Jordan Ranch Arroyo del Valle, Alemeda Co., Cal.

Ataxioceras (Gümbel) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 204, no pl.
Formation: Triassic
Location: California

— **virgulatus** (Quenstedt) O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 689, pl. XXXVIII, figs. 4, 5
Formation: Jurassic, Oxfordian
Location: Viñales Pinar del Rio, Cuba

— **virgulatus** (Quenstedt) Roig
Revista Agricultura Comerico Trabajo, año 2, No. 12, 1919, p. 588, fig. 1, no description
Formation: Jurassic
Location: Viñales, Cuba

— **virgulatus** (Quenstedt) Roig
Secretaria de Agr, Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 23, pl. VIII, figs. 1–5a
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón, Lajuna de Piedra, Cuchillas de José Rivera

— **virgulatus** (Quenstedt) var. **planus** Roig
Secretaria de Agricultura Comercio y Trabajo Bol. Especial,

Habana, Cuba, 1920, p. 25, pl. VIII, fig. 4
Formation: Jurassic-Oxfordian
Location: Puerta del Ancón, Viñales

Atractites höckhi (Stürzenbaum) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 138, pl. XCIV, figs. 20, 21
Formation: Triassic
Location: Nevada

— **burckhardti** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 138, pl. XCVI, figs. 6, 7
Formation: Triassic
Location: Nevada

— **clavatulus** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 139, pl. XCVI, figs. 11, 14
Formation: Triassic
Location: Nevada

— **elegans** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 139, pl. XCVI, fig. 10.
Formation: Triassic
Location: Nevada

— **nevadensis** (Meek) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 139, pl. XCVI, figs. 8, 9
Formation: Triassic
Location: Nevada

— **philippii** n. sp. Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 205, pl. XLVIII, figs. 1–3
Formation: Triassic
Location: Shasta county, California

— **solidus** Smith n. sp.
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 140, pl. XCVI, figs. 1–5
Formation: Triassic
Location: Humboldt range, Nevada

Atresius liratus (Gabb) Stanton
U. S. Geol. Sur., Bull, 133, 1895, p. 68, pl. XI, fig. 6
Formation: Cretaceous, Knoxville beds
Location: California

Aturia matthewsoni (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1030, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California

Aucella aviculaeformis Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 433, no pl.
Formation: Jurassic
Location: California

— **Bronni** (Lahusen) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 455, pl. XXXII, fig. 5
Formation: Jurassic
Location: "Kloft I," "Kloft II" and "4 Saenkning" on Store Koldewey Island, Greenland

— **Bronni** (Lahusen) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 455, pl. XXXII, fig. 5
Formation: Jurassic
Location: "Kloft I" and Kloft II" "4 Saenkning" Store Koldewey Island, Greenland

— **concentrica** (Fischer) Ravn

Meddelelser om Grönland vol. 45, 1911, p. 461, pl. XXXII, figs. 9, 10
Formation: Cretaceous
Location: Store Koldewey Island, Greenland

— **concentrica** Fischer sp. (non Keyserling; non Eichwald) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 461, pl. XXXII, figs. 9, 10
Formation: Cretaceous
Location: Store Koldewey Island, Greenland

— **crassicollis** (Keyserling) Stanton Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 297, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **crassicollis** Keyserling Stanton
U. S. Geol. Sur., Bull. 133, 1896, p. 45, pl. V, figs. 1–13; pl. VI, figs. 1–5
Formation: Cretaceous, Knoxville beds
Location: California

— **crassicollis** (Keyserling) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 459, pl. XXXII, fig. 8
Formation: Cretaceous
Location: Store Koldewey Island; Kuhn Island, Greenland

— **crassicollis** (Keyserling) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 459, pl. XXXII, fig. 8
Formation: Cretaceous
Location: Store Koldewey Island, Greenland

— **crassicollis** (Keyserling) Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, pl. 31, fig. 1
Formation: Cretaceous, Knoxville formation
Location: California

— **elongata** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 431, no pl.
Formation: Jurassic
Location: California

— **erringtoni** var. **arcuata** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 430, no pl.
Formation: Jurassic
Location: California

— **Kirghisensis** (Sokolow) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 455, pl. XXXII, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland

— **Kirghisensis** (Sokolow) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont No. 10, 1911, p. 455, pl. XXXII, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland

— **mosquensis** (von Buch) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 457, pl. XXXII, fig. 6
Formation: Jurassic
Location: Danmarks Havn, Store Koldewey, Greenland

—**mosquensis** (von Buch) (von Keyserling, non Lahusen) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 457, pl. XXXII, fig. 6
Formation: Jurassic

Location: Harefjaeld, "Kloft I" Store Koldewey Island

— **orbicularis** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 434, no pl.
Formation: Jurassic
Location: California

— **piochii** (Gabb) Stanton
U. S. Geol. Sur. Bull, 133, 1895, p. 42, pl. IV, figs. 2–14
Formation: Cretaceous, Knoxville beds
Location: California

— aff. **Pallasi** (Keys) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 47
Formation: Jurassic-Kimmeridgian
Location: Viñales

— **piriformis** Lahusen (emend-Pavlow) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 460, pl. XXXII, figs. 11, 12
Formation: Cretaceous
Location: Store Koldewey Island, Greenland

— **piriformis** Lahusen (emend-Pavlow) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 460, pl. XXXII, figs. 11, 12
Formation: Cretaceous
Location: Store Koldewey Island

— cf. **reticulata** (Lundgren) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 456, pl. XXXII, fig. 4
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland

— cf. **reticulata** (Lundgren) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No 10, 1911, p. 456, pl. XXXII, fig. 4
Formation: Jurassic
Location: Vesterdalen Danmarks Havn, Greenland

— **Sinzovi** (Pavlow) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 456, pl. XXXII, fig. 3
Formation: Jurassic
Location: Store Koldewey Island, Greenland

— **Sinzovi** (A. P. Pavlow) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 456, pl. XXXII, fig. 3
Formation: Jurassic
Location: "Kloft I," "Kloft II" "4 Saenkning" Store Koldewey Island, Greenland

— sp. indt. Pompechj
Kais. Russ. Mineralog. Gesell, St. Petersburg, Verh. ser. 2 Band 38, 1900, p. 270, Taf. VII, fig. 5
Formation: Jurassic
Location: Katmaiskoj, Alaska

— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 459, pl. XXXIII, fig. 1
Formation: Jurassic
Location: Store Koldewey Island, Greenland

— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 459, pl. XXXIII, fig. 1
Formation: Cretaceous

Location: Store Koldewey Island
— **strongi** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 193, pl. I, figs. 1, a, b, c, d, e
Formation: Cretaceous, Cerrillos, Fort Benton age
Location: New Mexico
— **strongi** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept. Vol. X, No. 90, 1903, p. 121, pl. I, fig. 1 abcde
Formation: Fort Benton
Location: Cerillos, New Mexico
— **tenuistriata** (Lahusen) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 458, pl. XXXII, fig. 7
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn
— **tenuistriata** (Lahusen) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 458, pl. XXXII, fig. 7
Formation: Jurassic
Location: Danmarks Havn, Greenland
Aulacostephanus (?) **groenlandicus** n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 492, pl. XXXVII, fig. 3
Formation: Jurassic
Location: "Kloft II" Store Koldewey Island, Greenland
— **groenlandicus** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 492, pl. XXXVII, fig. 3
Formation: Jurassic
Location: "Kloft II" Store Koldewey Island, Greenland
— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 68, Lám. XV, fig. 8
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico
— **zacatecanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 67, Lám. XVI, figs. 1–4
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico
Auricula neumayri n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 41, pl. V, fig. 1
Formation: Cretaceous, Bear River formation
Location: Wyoming
Avellana (d'Orbigny) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 403, no pl
Formation: Cretaceous
Location: Maryland
— **bullata** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 296, no pl.
Formation: Cretaceous
Location: Louisiana
— **bullata** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 808, pl. XCIX, figs. 9–11
Formation: Cretaceous, Merchantville marl
Location: New Jersey
— **bullata** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 403, no pl.

Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; New Jersey; Delaware

— **bullata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 163, pl. XX, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **bullata** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 163, pl. XX, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **costata** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 405, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey

— **costata** (Johnson) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 810, pl. XCIX, fig. 21
Formation: Cretaceous, Woodbury clay
Location: New Jersey

— **lintoni** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916 ,p. 406, pl. XVIII, fig. 7
Formation: Cretaceous, Monmouth
Location: Maryland

— **pinguis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 406, pl. XVIII, figs. 5, 6
Formation: Cretaceous, Monmouth
Location: Maryland

Avicula aguilerae n. sp. Böse
U. of Tex. Bull. No. 1856, 1918, p. 227, pl. XX, figs. 1–2; 11–12
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico

— **beedei**, n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 127, pl. XXVIII, fig. 10
Formation: Jurassic
Location: Wyoming

— **belviderensis** n. sp. Cragin
Amer. Geol., vol. 12, 1894, p. 2, no fig.
Formation: Cretaceous, Neocomian
Location: Kiowa county, Kansas

— **dispar** n. sp. Cragin
Colo. College Studies, 5th Ann. Pub., 1895, p. 53, no pl.
Formation: Cretaceous, Grayson marl
Location: Near Denison, Texas

— **gastrodes** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XXXVI, figs. 7–10 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **gastrodes** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 448, 449, pl. LXXXVI, figs. 8, 9
Formation: Cretaceous
Location: Mitchell county, Kansas

— **gastrodes** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 72, pl. IX, figs. 7–10
Formation: Cretaceous, Pugnellus sandstone
Location: Colorado

— **gregoryi** n. sp. Hall and Ambrose
The Nautilus, vol. 30, No. 6, 1916, p. 69
Formation: Cretaceous, Horsetown
Location: Carnegie, California

— **Hofmanni** (Bittner) Frech
Cong. Géol. Intern. C. R. 10° sess. Mex., 1906, p. 332, Taf. I, fig. 4, fig. 2a–c (vergl. fig. 3)
Formation: Triassic
Location: Arroyo Calavera bei Zacatas, Mex

— **Hofmanni Bittner** n. var. **pseudopterinæa** Frech
Cong. Géol. Intern. C. R. 10° sess. Mex. 1906, p. 333, Taf. I, fig. 5
Formation: Triassic
Location: Arroyo Calavera bei Zacatecas, Mexico

— **leveretti** n. sp. Cragin
Tex. Geol. Sur., 4th Ann. Rept., 1893, p. 171, pl. XLI, fig. 3
Formation: Cretaceous, "Kiamitia Clay"
Location: North Texas

— **linguaeformis** (Evans and Shumard) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Fort Pierre Shales of Montana formation
Location: Yellowstone National Park

— **macronotus** (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 131, pl. XXX, fig. 6
Formation: Jurassic
Location: Wyoming, Freeze-out Hills

— **Munsteri** (Bronn) Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 200, pl. IV, figs. 16, 17
Formation: Jurassic
Location: Kap Stewart, east Greenland

— **nebrascana** (Evans and Shumard) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Fort Pierre Shales, Montana formation
Location: Yellowstone National Park

— **nebrascana** (Evans and Shumard) Stanton and Hatcher
U. S. Geol. Sur., Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **(Oxytoma)** (Whiteaves) n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 38, pl. IV, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California

— **pellucida** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Report, pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, Ter. transition, Chico and Tejon
Location: California

— **Pedernalis**, Roem, Böse
Inst. Geol. de Mexico, Bol. 25, p. 84, Lám. 12, 1910, figs. 4–9
Formation: Cretaceous, Vraconian
Location: Sonora

— **polaris** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram ,Rept. No. 7, 1907, p. 12, Taf. I, figs. 2–4
Formation: Triassic
Location: Ammonitenberg am Bärenkaplande, Depot auf der Grossen Inseln im Huerekasunde

— **singleyi** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 172, no pl.
Formation: Cretaceous
Location: Texas
— sp. (?) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 429, no pl.
Formation: Jurassic
Location: American Canyon, California
— **(Oxytoma) Whiteavesi** (Stanton) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 298, no pl.
Formation: Cretaceous
Location: Queen Charlotte Island
— **(Oxytoma) wyomingensis** n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 616, no pl.
Formation: Cretaceous
Location: Black Hills
Aviculopecten ? deseret n. sp. Girty
U. S. Geol. Sur. Prof. Paper 111, 1920, p. 647, pl. LVII, figs. 7–9a
Formation: Triassic
Location: Dry Canyon, Wasatch Range, Salt Lake City, Utah
Axinea compressa n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 417, pl. XXXV, fig. 9
Formation: Cretaceous, Red Bank sand
Location: New Jersey
— **congesta** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 418, pl. XXXV, figs. 13–19
Formation: Cretaceous, Cliffwood clay, Woodbury clay, Wenonah sand
Location: New Jersey; North Carolina
— **microdentus** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 416, pl. XXXV, figs. 10–11
Formation: Cretaceous, Wenonah sand
Location: New Jersey
— **subaustralis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 414, pl. XXXV,, figs. 1–8
Trinton beds
Formation: Cretaceous, Merchant clay-marl, Navesink marl,
Location: New Jersey; Alabama; Mississippi; Texas
Axinella (?) Merril
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, no. 1, 1896, p. 12, pl. I, figs. 1–2
Formation: Cretaceous flint
Location: Texas
Baculites (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 374, no pl.
Formation: Cretaceous
Location: Maryland
— (Say) [Harris]
Bull. Amer. Pal. vol. 1, No. 5, 1896, p. 288
— **anceps** (Lamarck) Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 297, pl. LI, fig. 6
Formation: Cretaceous
Location: Bienville Parish, Louisiana
— **anceps** (Lamarck) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 204, pl. XI, fig.

30, a, b, c
Formation: Cretaceous, Fort Pierre
Location: New Mexico

— **anceps** (Lamarck) Johnson
Columbia Univ. Cont. Geol. Dept., vol. X, No. 90, 1903, p. 132, pl. XI, fig. 30, a, b, c
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mt. Waldo, New Mexico

— **asper** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 823, pl. CIX, figs. 6, 7
Formation: Cretaceous, Cliffwood clay
Location: New Jersey

— **asper** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 377, pl. XII, figs. 8, 9
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey; Mississippi; Alabama; Montana

— **asper** (Morton) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 636, no pl.
Formation: Cretaceous, Colorado formation
Location: Yellowstone National Park

— **asper** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 278, pl. XLVI, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey

— **asper** Whitfield
U. S. Gol. Sur., Mon. 18, p. 278, pl. XLVI, figs. 10, 11
Formation: Cretaceous, Marls
Location: Holmdel, New Jersey

— **asper** (Mort.?) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 167, pl. XXXVI, figs. 4, 5
Formation: Cretaceous, Austin?
Location: Cinnatar Mountain, Montana; Texas?

— **aspero-anceps** n. sp. Lasswitz
Geol. and Pale. Abh., N. F. 6, Heft. 4, 1904, pag. 16, Taf. III (XV), figs. 1a, 1b
Formation: Cretaceous
Location: Texas

— **chicoensis** (Trask) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 339, no pl.
Formation: Cretaceous
Location: Sucia Islands

— **chicoensis** (Trask) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XIII, figs. 1–9
Formation: Cretaceous
Location: California

— **chicoensis** (Trask) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2nd ser., vol. 1, sec. 4, 1895
Formation: Upper Cretaceous
Location: Comax River and Naniamo River, Vancover

comanchensis n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 74, pl. II, figs. 20–22
Formation: Cretaceous, Pawpaw
Location: Near Fort Worth, Texas

— **compressa** (Say) [Harris]
Bull. Amer. Pal. vol. 1, No. 5, 1896, p. 289

Formation: Cretaceous
Location: Missouri

— **compressus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 277, pl. XLVI, figs. 1, 2
Formation: Cretaceous
Location: New Jersey

— **compressus** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 277, pl. XLVI, figs. 1, 2
Formation: Cretaceous, Marls
Location: New Jersey

— **compressus** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LXII
Formation: Cretaceous, Pierre group
Location: Colorado

— **fairbanksi** n. sp. Anderson
Cal. Acad. Sci. Proc. 3rd. ser. Geol. vol. 2, No. 1, 1902, p. 92, pl. VII, figs. 152, 153, pl. X, fig. 194
Formation: Cretaceous, Lower Chico beds
Location: California

— **gracilis** (Shumard?) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 166, pl. XXXVI, figs. 1-3
Formation: Cretaceous, Colorado formation
Location: Utah; Colorado; Texas

— **nodosus var brevis** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 511, pl. CVIII, fig. 3
Formation: Cretaceous, Fort Pierre Group
Location: Kansas

— **ovata** (Say) [Harris]
Bull. Amer. Pal., vol. 1, No. 5, 1896, p. 289
Formation: Cretaceous
Location: Neversink Hills, N. J.

— **ovatus** (Say) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 509, pl. CIX, fig. 3
Formation: Cretaceous
Location: Cheyenne County, Kansas

— **ovatus** (Say) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 821, pl. CIX, fig. 5
Formation: Cretaceous, Merchantville clay-marl; Woodbury clay
Location: New Jersey; Alabama; Dakota; Montana; Colorado

— **ovatus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 275, pl. XLVI, figs. 3-9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **ovatus** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 275, pl. XLVI, figs. 3-9
Formation: Cretaceous, Lower Green Marls
Location: Burlington, New Jersey

— **ovatus** (Say) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 375, pl. XII, figs. 2, 3
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey; Alabama; Dakota; Montana; Colorado; Nebraska

— sp. indt. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 205
Formation: Cretaceous, Madrid Section
Location: New Mexico

— sp. indt Johnson
  Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 133
  Formation: Cretaceous
  Location: San Marcos Arroyo
Balanophyllia inauris (Vaughan) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 272, pl. V, fig. 18–22
  Formation: Cretaceous, Manasquan Marl
  Location: New Jersey
Balatonites (Mojsisovics) Hyatt and Smith
  U. S. Geol. Sur., Prof. Paper 40, 1905, p. 165
  Formation: Triassic
— **hadleyi** Smith n. sp.
  U. S. Geol. Sur. Prof. Paper 83, 1914, p. 119, pl. XC, figs. 8–10
  Formation: Triassic
  Location: West Humboldt Range, Nevada
— **kingi** Smith n. sp.
  U. S. Geol. Sur. Prof. Paper 83, 1914, p. 120, pl. XC, figs. 11, 12
  Formation: Triassic
  Location: Shoshone Mountain, Nevada
— **shoshonensis** (Hyatt and Smith) Smith
  U. S. Geol. Sur., Prof. Paper 83, 1914, p. 120, pl. IV, figs. 12, 13
  Formation: Triassic
  Location: Shoshone Mountains, Nevada
— **shoshonensis** n. sp. Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 167, pl. XXIII, figs. 12, 13
  Formation: Triassic
  Location: Nevada
Barbatia (Gray) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 537
  Formation: Cretaceous
  Location: Maryland
Barbatia—see Arca
— **micronema** Meek (sp) Herrick and Johnson
  Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVIII, figs. 1–4 (no description)
  Formation: Cretaceous
  Location: Near Albuquerque, New Mexico
— **micronema** (Meek) Stanton
  U. S. Geol. Sur. Bull. 106, 1893, p. 89, pl. XXI, figs. 1–4
  Formation: Cretaceous
  Location: Coalville, Utah; Wyoming; Denton county, Texas
— **parva-missouriensis** Hill
  Wash. Biol. Soc. Proc., vol. 8, 1893, p. 26, no pl.
  Formation: Cretaceous, Trinity Division
  Location: Arkansas
— **simondsi** n. sp. Whitney
  Tex. Acad. Trans., vol. 12, 1913, p. 11, pl. I, fig. 6
  Formation: Cretaceous, Buda
  Location: Austin, Texas
— **simondsi** n. sp. Whitney
  Univ. of Texas Bull. 184, 1911, p. II, pl. I, fig. 6
  Location: Austin, Texas
Baroda Wyomingensis (Meek) Stanton
  U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 638, no pl. (no description)

Formation: Cretaceous, Montana
Location: Yellowstone National Park

Barrettia (Woodward) Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 233
Formation: Cretaceous

— **multilirata** n. sp. Whitfield
Am. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 244, pl. XXXIII, XXXIV, XXXV
Formation: Cretaceous
Location: Jamaica, West Indies

— **spaecilirata** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 245, pl. XXXVI, XXXVII
Formation: Cretaceous
Location: Jamaica, West Indies

Barroisiceras Grossouvre emend. **Solger** Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 99
Formation: Cretaceous

— **aff. alstadenense** Schlüter sp. Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 107
Formation: Cretaceous
Location: Rancho de la Curtidura, Mexico

— **aff. alstadenense Solger** non auct. Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 105, Lám. XXV, fig. 10
Formation: Cretaceous
Location: Aguacate, Mexico

— **dentato–carinatus** (Roemer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 836, pl. CI, figs. 5, 6
Formation: Cretaceous
Location: New Jersey, Texas

— cfr. **halberfellneri** (von Hauer sp.) Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 99, Lám. XXIV, fig. 3
Formation: Cretaceuos
Location: Huastlanapa, Mexico

— **hyatti** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 36, pl. XXV, figs. 3, 4
Formation: Cretaceous
Location: Austin, Texas

— juv. sp. indt. Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 108, Lám. XXV, figs. 11, 14
Formation: Cretaceous
Location: Rancho de la Curtidura, México

— cfr. **Neptuni** (Fritsch and Schloenbach sp. non Geinitz (Burckhardt)
Inst. Geol. de México Bol. 33, 1919, p. 100, Lam. XXIV, figs. 4-7
Formation: Cretaceous
Location: Huastlanapa

— **Nicklesi** (Boula) (Lemoine et Thevenin, non Gossouvre) Buckhardt
Inst. Geol. de México Bol. 33, 1919, p. 105
Formation: Cretaceous
Location: Huastlanapa, Mexico

— cfr. **petrocoriense** (Coquand sp.) Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 104 Lám. XXIV, figs. 12, 13
Formation: Cretaceous
Location: Huastlanapa, Mexico

— sp. ind. núm. 1 Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 101 Lám. XXIV, fig. 8
Formation: Cretaceous
Location: Chinantla, Mexico
— sp. ind. núm. 2 Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 101, Lám. XXIV, fig. 11
Formation: Cretaceous
Location: Huastlanapa, Mexico
— sp. ind. núm. 3 Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 102, Lám. XXIV, figs. 9, 10
Formation: Cretaceous
Location: Huastlanapa, Mexico
— sp. ind. núm. 4. Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 102, Lám. XXV, figs. 1, 5, 6
Formation: Cretaceous
Location: Huastlanapa, Mexico
— sp. ind. núm. 5 Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 103, Lám. XXV, figs. 2–4
Formation: Cretaceous
Location: Huastlanapa, Mexico
— sp. ind. núm. 6 Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 106, Lám. XXV, figs. 12, 13, 15
Formation: Cretaceous
Location: Huastlanapa, Mexico
— sp. ind. núm. 7 Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 107, Lám. XXV, figs. 16, 17
Formation: Cretaceous
Location: Huastlanapa, Mexico
— **texanum** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 35, pl. XXV, figs. 1, 2
Formation: Cretaceous
Location: Hays Co., Texas
Bathyomphalus—see Planorbis
Bela cretacea n. sp. Whiteaves
Geol. Sr. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 355, pl. XLIV, fig. 6
Formation: Cretaceous
Location: Queen Charlotte Islands
Belemnitella (d'Orbigny) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 393, no pl.
Formation: Cretaceous
Location: Maryland
— sp. Pompechj
Kais. Russ. Mineralog. Gesell St. Petersburg, verh., Ser. 2, Band 38, 1900, 1901, p. 268, Taf. VII, fig. 4
Formation: Jurassic
Location: Katmaiskoj, Alaska
— **americana** (Morton) Weller
Geol Sur. N. J. Pal., vol. 4, 1907, p. 839, pl. CIX, figs. 1-4
Formation: Cretaceous, Navesink marl
Location: New Jersey; Delaware; North Carolina; Alabama; Mississippi; Texas
— **americana** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 280, pl. XLVII, figs. 1-11

Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **americana** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 280, pl. XLVII, figs. 1–11
Formation: Cretaceous, Lower marls
Location: New Jersey
— **americana** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, 394, pl. XII, figs. 4-6
Formation: Cretaceous, Monmouth; Senonian
Location: Delaware; Maryland; North and South Carolina; New Jersey; Mississippi; Alabama; Europe
— **baculus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 479, pl. CX, fig. 2
Formation: Cretaceous, Fort Benton lower strata
Location: Kansas
Belemnites ? ambiguus Whitfield
U. S. Geol. Sur., Mon. 18, p. 282, no pl.
Formation: Cretaceous, Middle Marl beds
Location: Timber creek, New Jersey
— **? ambiguus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 282, no pl.
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **assimilis** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 268, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
— **breviaxis** (A. Pavlow) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 494
Formation: Jrassic
Location. "Kloft I" Store Koldewey Island, Greenland
— **breviaxis** (A. Pavlow) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 494
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland
— **curtus** n. sp. Logan
Kans. Univ. Quart. vol. 9, 1900, 130, pl. XXIX, figs. 4, 5, pl. II, fig. 3.
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— **densus** (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 129, pl. XXVI, fig. 9
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— **densus** (Meek and Hayden) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 631, no pl.
Formation: Jurassic
Location: Yellowstone National Park; Black Hills
— **impressus** (Gabb) Stanton
U. S. Geol. Sur., Bull 133, 1895, p. 84, pl. XX, figs. 1–5
Formation: Cretaceous, Knoxville and Horsetown beds
Location: California
— **aff. obeliscus** (Phillips) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 46, Lám. XXIV, fig. 3

Formation: Jurassic
Location: Mexico
— **obtusus** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 399, pl. L, fig. 9
Formation: Jurassic
Location: Black Hills
— **pacificus** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 427, no pl.
Formation: Jurassic
Location: California
— **Panderianus** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 494, pl. XXXVII, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland
— **Panderianus** (d'Orbigny) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 494, pl. XXXVII, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland.
— **puzosi** (d'Orbigny) Aquilera
Com. Geol. de México, Bol. 1, 1895, p. 45, Lám. XXIV, figs. 1–6
Formation: Jurassic
Location: Mexico
— **skidegatensis** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 269, no pl.
Formation: Cretaceous, Lower Shales
Location: Skidegate Inlet
— sp. ? Aquilera
Com. Geol. de México, Bol. 1, 1895, p. 46
Formation: Jurassic
Location: Mexico
— sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 211
Formation: Jurassic
Location: Kap Stewart Island, east Greenland
— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 85, no pl.
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California
— sp. indt. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 326, no pl.
Formation: Cretaceous
Location: Hornby Island
— **tehamaensis** n. sp. Stanton
U. S. Geol. Sur., Bull. 133, 1895, p. 84, pl. XIX, figs. 1–3
Formation: Cretaceous
Location: Telama County, California
Berenicea americana (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 315, pl. XX, fig. 7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **americana** (Ulrich and Bassler) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 737, pl. XLVI, figs. 1–4
Formation: Cretaceous, Rancocos
Location: Delaware

— **maloniana** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 38, pl. II, fig. 7
Formation: Jurassic
Location: Malone Station, Texas
Berriasella behrendseni n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 139, Lám. XXXV, figs. 7, 9
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
— cfr. **gracilis** (Steuer sp.) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 185, Lám. XLIV, figs. 4–6, 10
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
— **neohispanica** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 184, Lám. XLIV, figs. 1–3, 7
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
— **aff. Oppeli** (Kilian) sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 138, Lám. XXXV, figs. 1–3
Formation: Jurassic, Portlandian
Location: San Pedro del Gallo, Durango
— **aff. Oppeli** (Kilian) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial 1920, p. 145, pl. XII, figs. 1, 1a, 1b
Formation: Jurassic, Portlandian
Location: Puerta del Ancón
— **Oppeli** (Kilian) Roig
Revista Agricultura, Comercia y Trabajo, año 2, No. 12, 1919, p. 591, fig. 9, no description
Formation: Jurassic
Location: Viñales, Cuba
— **tenuicostata** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 161, Lám. XXXIX, figs. 3–5
Formation: Jurassic; Cretaceous, transition stage
Location: Sierrita, Durango
— **varias especies indeterminadas** Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 56, Lám. XIX, figs. 3, 4, 8, 10; Lám. XX, figs. 1–3
Formation: Jurassic
Location: Sierrita de Rámirez, Mexico
Beyrichites (Waagen) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 115, no pl.
Formation: Triassic
— (Waagen) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 378, no pl.
Formation: Triassic
— (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 154, no pl.
Formation: Triassic
— **dunni** Smith n. sp.
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 116, pl. XXXII, figs. 7–12
Formation: Triassic
Location: Humboldt range, Nevada
— **falciformis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 116, pl. XCI, figs. 11–13, pl. XCII, figs. 1–8

Formation: Triassic
Location: Humboldt range, Nevada
— **osmonti** Smith n. sp.
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 117, pl. XXXI, figs. 7–14; pl. LXXXIX, fig. 14
Formation: Triassic
Location: Humboldt range, Nevada
— **rotelliformis** (Meek) Smith
Leland Stan. Jr. Univ. Pub., 1914, pl. VIII, figs. 14–23
Formation: Middle Triassic
Location: Nevada
— **rotelliformis** (Meek) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 379, pl. XLV, fig. 5; pl. XLIII, figs. 13–14
Formation: Triassic
Location: Nevada
— **rotelliformis** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, 118, pl. IV, figs. 1–7; pl. VIII, figs. 1–15; pl. XIV, fig. 9; pl. XXXI, figs. 1–6; pl. XCI, figs. 1–10
Formation: Triassic
Location: West Humboldt range, Nevada
— **rotelliformis** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 155, pl. XXIII, figs. 1–11; pl. LVIII, figs. 1–15
Formation: Triassic
Location: Nevada
— **tenuis** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 119, pl. XXXII, figs. 1–6; pl. LXXXIX, figs. 15–20
Formation: Triassic
Location: West Humboldt range, Nevada
Biflustrata brownii n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 165, pl. XXIV, fig .7
Formation: Cretaceous, Caprina limesand
Location: Travis County, Texas
— **disjuncta** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 333, pl. XXIII, fig. 13
Formation: Cretaceous
Location: New Jersey
— **torta** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 331, pl. XXIII, figs. 11, 12
Formation: Cretaceous, Vincentown limesand
Location: New Jersey; Maryland
Biradiolites Aguilerae Böse n. sp.
Inst. Geol. de México, Bol. 24, 1906, p. 58, Lám. VIII, figs. 1–4; Lám. IX, figs. 1, 2; Lám. XII. figs. 2–4
Formation: Cretaceous, Senonian
Location: Mexico
— **cardenasensis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1900, p. 59, Lám. XI, fig. 3; Lám. XII, fig. 3
Formation: Cretaceous, Senonian
Location: Mexico
— **Polosianus** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 60, Lám. V, figs. 2, 3; Lám. XI, fig.4; Lám. XII, fig. 5
Formation: Cretaceous, Senonion
Location: Mexico

Bisidmonea gabbiana n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 320, Lám. XXII, figs. 1, 2
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Bittium longissium n. sp. Cooper
Cal. State Mining Bureau Bull. No. 4, 1894, p. 43, pl. II, fig. 30
Formation: Cretaceous, Marysville Buttes
Location: California
Blandtordia sp. indt. cfr. Wallichi Gray sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 141, Lám. XXXV, figs. 8, 10
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
Bolivina dilatata (Reuss) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, 1895, pt. 1, p. 33, pl. C, fig. 26
Formation: Cretaceous
Location: Nebraska
— **punctata** d'Orbigny, Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 34, pl. C, figs. 27, 28
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
— **punctata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1893, pl. II, p. 33, fig. 3
Formation: Cretaceous to Recent
Location: New Jersey
— **punctata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 200, pl. I, fig. 26
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey
— **punctata** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 100
Formation: Cretaceous
Location: Crosswick's Creek, New York
— **textilaroides** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, p. 201, pl. I, figs. 30–31
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey
— **textilaroides** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1893, p. 34, no pl.
Formation: Cretaceous to Recent
Location: New Jersey
Boltenella n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 285
— **excellans** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 286, pl. XVIII, figs. 3, 4
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tennessee
Botriopygus alabamensis (Clark)
U. S. Geol. Sur. Bull. 97, 1893, p. 60, pl. XXV, figs. 1a, f
Formation: Cretaceous, Ripley
Location: Alabama
— **alabamensis** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 68, pl. XXIV, figs. 2a, f
Formation: Cretaceous, Ripley
Location: Alabama
Bourgueticrinus alabamensis (de Loriol) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 25, pl. III, figs. 1a–c

Formation: Cretaceous, Ripley group
Location: Alabama
Brachydontes — see **Modiola**
Brachydontes athabaskaensis n. sp. McLearn
Canada Dept. Mines Mus. Bull. 29, 1919, p. 12, pl. V, figs. 1, 2
Formation: Cretaceous, Clearwater formation
Location: Athabaska river, Alberta
Brachyura indt. crustacean Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 27, pl. XIII, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
— indt. crustacean Whitney
Univ. of Texas Bull. 184, 1911, p. 27, pl. XIII, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
— (?) Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 117, pl. I, figs. 17, 18
Formation: Cretaceous
Location: New Jersey
Breviarca cuneata (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 406, pl. XXX, fig. 27
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Georgia
— **saffordi** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 404, pl. XXX, figs. 21, 24
Formation: Cretaceous, Woodbury clay
Location: New Jersey; Tennessee
Buccinatrix n. gen. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 219, no pl.
Formation: Cretaceous
Location: Texas
— **regina** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 220, pl. LXIII
Formation: Cretaceous, Glen Rose formation
Location: Gillespie county, Texas
Buccinopsis (?) **parryi** (Con.) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 33, pl. VI, fig. 1
Formation: Cretaceous, Glen Rose formation
Location: Arkansas; Texas
Buchiceras inequiplicatus (Shumard) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 233, no pl.
Formation: Cretaceous, Eagle Ford
Location: Texas
— **swallovi** (Shumard) sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 168, pl. XXXVII, fig. 1; pl. XXXVIII, figs. 1–3
Formation: Cretaceous
Location: Colorado; Utah; Texas
— **swallovi** (Shumard) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 213, pl. XXVII, figs. 1–4
Formation: Cretaceous
Location: New Mexico
— **swallovi** (Shumard) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 234, no pl.
Formation: Cretaceous, Eagle Ford
Location: Texas
— **swallovi** var. **puercoensis** n. var. Herrick and Johnson

Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXVII, figs. 3, 4 (no description)
Formation: Cretaceous
Location: Rio Puerco Valley, New Mexico

Bulimina affinis (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist., Sur., vol. 3, pt. 1, 1895, p. 32, pl. C, fig. 19
Formation: Cretaceous
Location: Nebraska

— **pupoides** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 32, pl. C, figs. 20–24
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois

— **pupoides** (d'Orbigny) Woodward
New York Microscopical Soc. Journ. vol. X, No. 4, 1894, p. 98
Formation: Cretaceous
Location: Mullica Hill, New Jersey

— **puschi** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1893, p. 32, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey

— **puschi** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 199, no pl.
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey

— **pyrula** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 99
Formation: Cretaceous
Location: Timber Creek, New Jersey

— **variabilis** (d'Orbigny) Weller
Geol. Sur. New Jersey Pal., vol. 4, 1907, p. 200, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **variabilis** (d'Orbigny) Bagg
U. S. Geol. Sur., Bull. 88, 1893, p. 33, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey

Bulimina sp. Calvin
Iowa Geol. Sur., vol. III, Second Ann. Rept., 1895, p. 229, pl. XIX, fig. 8
Formation: Cretaceous
Location: St. Helena, Nebraska

Bulina atavus (White) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 119, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **subelongatus** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

Bulla assimulata n. sp. Cooper
Cal. State Mininng Bur. Bull. 4, 1894, p. 47, pl. III, fig. 46
Formation: Cretaceous
Location: California

— **conica** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 189, pl. XXIII, figs. 12, 13
Formation: Cretaceous, Upper Green marls
Location: New Jersey

— **conica** n. sp. Whitfield
  U. S. Geol. Sur. Mon. 18, 1892, p. 189. pl. XXIII, figs. 12, 13
  Formation: Cretaceous, Upper Green marls
  Location: Shark River, New Jersey
— **macrostoma** (Gabb) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 812, pl. XCIX, figs. 19, 20
  Formation: Cretaceous, Red Bank sand
  Location: New Jersey
— **mortoni** Whitfield
  Geol. Sur. N. J., vol. 2, 1892, p. 165, pl. XX, figs. 7–9
  Formation: Cretaceous, Lower Green marls
  Location: New Jersey
— **mortoni** Whitfield
  U. S. Geol. Sur. Mon. 18, 1892, p. 165, pl. XX, figs. 7–9
  Formation: Cretaceous, Lower Green marls
  Location: Crosswick's Creek, New Jersey
Burtonella — see **Vermetus**
Busycon Wade
  Amer. Jour. Science, ser. 4, vol. 43, 1917, p. 294, text figs. 1, 2
Busycon (Protobusycon) cretaceum n. sp. Wade
  Amer. Jour. Sci., ser. 4, vol. 43, 1917, p. 296, text figs. 1, 2
  Formation: Cretaceous
  Location: McNairy Co., Tennessee
Bythinia arundelensis n. sp. Clark
  Maryland Geol. Sur., L. Cret., 1911, p. 211, pl. XXI, fig. 6
  Formation: Cretaceous, Arundel formation
  Location: Anne Arundel County, Maryland
Bythocypris parilis Ulrich, Weller
  Geol. Sur. New Jersey Pal., vol. 4, 1907, p. 844, pl. CX, figs. 4–7
  Formation: Cretaceous, Vincentown limesand
  Location: New Jersey
Cadoceras (Fischer) Pompeckj
  Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 249
— **catostoma** n. sp. Pompeckj
  Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 263, Taf. V, figs. 1, 2
  Formation: Jurassic
  Location: Katmaiskoj, Halbinsel, Alaska
— **crassum** n. sp. Madsen
  Meddelelser om Grönland, vol. 29, 1903, p. 193, pl. IX, figs. 1, 2, 3, pl. X, fig. 1; text fig. 2
  Formation: Jurassic
  Location: Vardeklöft, Greenland
— **grewingki** n. sp. Pompeckj
  Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 258, Taf. VI, figs. 1, 2, 3
  Formation: Jurassic
  Location: Katmaiskoj, Kadiak Island, Alaska
— **petelini** n. sp. Pompeckj
  Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 267, Taf. VI, figs. 4, 5, 6
  Formation: Jurassic
  Location: Kadiak Island, Alaska
— **schmidti** n. sp. Pompeckj

Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 265, Taf. V, figs. 3, 4
Formation: Jurassic
Location: Kadiak Island, Alaska

— **stenoloboi** n. sp. Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 255, Taf. VII, figs. 2, 3
Formation: Jurassic
Location: Kadiak Island, Alaska

— sp. indt. Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 268, Taf. VI, fig. 7
Formation: Jurassic
Location: Kadiak Island, Alaska

— sp. (?) **Wosnossenski** (Grew sp.) Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 254, Taf. V, fig. 6
Formation: Jurassic
Location: Kadiak Island, Alaska

— **wosnessenski** (Grew sp.) Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 251, Taf. V, fig. 5
Formation: Jurassic
Location: Katmaiskoj, Alaska

Cadulus obnutus (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 663, pl. LXXV, figs. 3, 4
Formation: Cretaceous, Woodbury clay
Location: New Jersey

Calamophyllia dawsoni n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 431, pl. XL, fig. 1; pl. XLII, fig. 16
Formation: Jurassic
Location: Cowichan Lake, Vancouver Island

— **suttonensis** n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, 1911, p. 431, pl. XL, figs. 5, 7; pl. XLI, fig. 15
Formation: Jurassic
Location: Cowichan Lake, Vancouver Island

Californites n. gen. Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 179, no pl.
Formation: Triassic

— **merriami** n. sp. Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 180, pl. XXXII, figs. 11–23
Formation: Triassic
Location: Shasta county, California

Callianassa (Leach) Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 112, no pl.
Formation: Cretaceous

— **clarki** n. sp. Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 368, pl. XI, figs. 6–8
Formation: Cretaceous, Matawan
Location: Delaware

— **conradi** Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 366, pl. X, fig. 5

Formation: Cretaceous, Matawan, Monmouth
Location: Maryland
— **conradi** (Pilsbry) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 851, pl. CX, figs. 18–22
Formation: Cretaceous, Tinton beds
Location: New Jersey
— **conradi** n. sp. Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 114, pl. I, figs. 8–10
Formation: Cretaceous
Location: New Jersey
— **conradi** var. **punctimanus** n. var. Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 368, pl. XI, figs. 4, 5
Formation: Cretaceous, Monmouth
Location: Maryland; Delaware
— **mortoni** Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 363 ,pl. XI, figs. 1–3
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland
— **mortoni** n. sp. Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 112, pl. I, figs. 1–7
Formation: Cretaceous
Location: New Jersey
— **mortoni** var. **marylandica** n. var. Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 366, pl. XI, figs. 9, 10
Formation: Cretaceous, Monmouth
Location: Maryland
— **mortoni** (Pilsbry) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907,fi p. 849, pl. CXI, figs. 1–15
Formation: Cretaceous, Merchantville clay marl, Navesink marl
Location: New Jersey
— sp. indt. Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 369, pl. X, fig. 7
Formation: Cretaceous, Matawan
Location: Delaware
— **stimpsoni** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rep., pt. 1, 1896, p. 1030, no pl.
Formation: Cretaceous, Eocene transition, both Chico and Tejon
Location: California
— **whiteavesii** n. sp. Woodward
Geol. Soc. London Quart. Jour., vol. 52, 1896, p. 223, figs. 1, 2
Formation: Cretaceous
Location: Vancouver Island
— **whiteavesii** (Woodward) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 319, no pl.
Formation: Cretaceous
Location: Vancouver Island
— **whiteavesii** n. sp. Woodward
Geol. Mag., n. s., dec. 4, vol. 7, 1900, p. 435, pl. XVII, figs. 2, a, b
Formation: Upper Cretaceous
Location: Comax River, Vancouver Island
Calliostoma kempiana n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 46, pl. III, figs. 33, 34
Formation: Cretaceous
Location: California
—**lignitica** n. sp. Cooper

Cal. Acad. Sci. Proc., vol. 6, 1896, p. 331, pl. XLVII, fig. 5
Formation: Cretaceous
Location: California

Callista (Dosiniopsis ?) deweyi (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 31, pl. V, figs. 11, 12
Formation: Cretaceous, Cannonball
Location: Price, Mandan, Kayser, N. Dak.; Bloon, S. Dak.

— **(Dosiniopsis) nebrascensis** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 30, pl. V, figs. 5–10
Formation: Cretaceous
Location: Mandan, Price, N. Dak.

— **(Dosiniopsis ?) orbiculata** (Meek and Hayden) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 108, pl. XXIV, figs. 9, 10
Formation: Cretaceous, Fort Benton group
Location: Missouri River

— **Aphrodina ? tenuis** (H & M) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 109, pl. XXIV, figs. 7, 8
Formation: Cretaceous, Fort Union or Benton group
Location: South fork of Cheyenne River, near the base of the Black Hills

Calytraphorus septentrionalis n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 128-a, 1920, p. 39, pl. VII, figs. 5a–d, and 6
Formation: Cretaceous, Cannonball
Location: Kayser, N. Dakota

Campeloma amarillensis n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 318, pl. LXXXIII, figs. 5, 6
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico

— **harlowtonensis** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 196, pl. IV, figs. 11, 12
Formation: Cretaceous
Locatio:n Harlowton, Montana

— **macrospira** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 60, pl. X, figs. 2, 3
Formation: Cretaceous, Bear River formation
No locality given

— **multilineata** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **producta** (White) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **vetula** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

Camptonectes (Agassiz) Meek
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 613, no pl.
Formation: Jurassic
Location: Yellowstone National Park

— **bellistriatus** (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 123, pl. XXX, figs. 7, 8
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— **bellistriatus** var. **distans** n. var. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 614, pl. LXXII, fig. 13
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
Camptonectes bellistriatus (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 613, pl. LXXII, fig. 12
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **burlingtonensis** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 294, pl. L, fig. 3
Formation: Cretaceous
Location: Bienville Parish, Louisiana
— **extenuatus** (Meek and Hayden) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 125, no pl.
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— **pertenuistriatus** (Hall and Whitf.) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 614, pl. LXXII, fig. 11
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **platessa** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVI, fig. 6 (no description)
Formation: Cretaceous
Location: New Mexico
— **platessa** (White) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 72, pl. IX, fig. 6
Formation: Cretaceous
Location: Utah; Arizona
— **platessiformis** White
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 615, no pl.
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
—**symmetricus** n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 209, no pl.
Formation: Cretaceous
Location: New Mexico
Campylostoma pierrense n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 389, pl. 33, figs. 4, 5
Formation: Cretaceous, Pierre Shale
Location: Carson county, South Dakota
Cancellaria irelaniana n. sp. Cooper
Cal. State Mining Bureau Bull., No. 4, 1894, p. 42, pl. I, fig. 5
Formation: Cretaceous
Location: California
— **malachitensis** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, p. 158, 1893 (?), pl. XXXIII, figs. 6, 7
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano Park, Colorado
— **smocki** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 793, pl. XCVIII, figs. 2, 3

Formation: Cretaceous, Merchantville clay-marl and Woodbury clay
Location: New Jersey

— **(Merica) sbualata** Whitfield
Geol. Sur. N. J., vol. 2, 1892 ,p. 95, pl. XII, figs. 24, 25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **(Merica) subalata** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 95, pl. XII, figs. 24, 25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **subalata (Conrad)** Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 792, pl. XCVIII, fig. 1
Formation: Cretaceous, Merchantville clay-marl and Woodbury clay
Location: New Jersey

Candona ? Sancta-Mariae n. sp. Jones
Geol. Mag., dec. 4, vol. 2, 1895, p. 26, pl. II, figs. 7a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: North Branch Milk River, Canada

— (?) sp. indt. Jones
Geol. Mag., dec. 4, vol. 2, 1895, p. 27, pl. II, fig. 9
Formation: Cretaceous, Saint Mary River beds
Location: Oldman River, Canada

— **subovata** n. sp. Jones
Geol. Mag., dec. 3, vol. 10, 1893, p. 388, pl. XV, figs. 16a, b
Formation: Cretaceous, Montana formation
Location: Coalville, Utah

— **subreniformis** n. sp. Jones
Geol. Mag., dec. 3, vol. 10, 1893, p. 388, pl. XV, figs. 14a, b
Formation: Cretaceous, Montana formation
Location: Coalville, Utah

Cantharus (Cantharulus) vaughani (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 40, pl. VII, figs. 7a, b
Formation: Cretaceous, Cannonball
Location: Heart River, Kayser, N. Dakota; Wakpala, S. Dakota

Caprina cf. adversa (d'Orbigny) Boehm
Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 326, text figs. 2, 3
Formtion: Cretaceous
Location: Cerro Escamelo, Orizaba, Mexico

Caprina jamaicensis n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 192, pl. XIII; pl. XV, figs. 1, 2
Formtion: Cretaceous
Location: Jamaica

Caprina ramosa n. sp. Boehm
Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 327, fig. 4
Formation: Cretaceous
Location: Cerro Escamelo, Orizaba, Mexico

— sp. Boehm
Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 328, fig. 5
Formation: Cretaceous
Location: Cerro Escamelo, Orizaba, Mexico

Caprinella occidentalis n. sp. Whitfield

Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 193, pl. XVI, XVII
Formation: Cretaceous
Location: Jamaica, West Indies

— **quadrangularis** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 193, pl. XII, XIV
Formation: Cretaceous
Location: Jamaica, West Indies

Caprinula anguis (Roemer) sp. Douvillé
Bull. Soc. Géol. France, 3rd ser., No. 28, 1900, p. 220, figs. 16, 17
Formation: Cretaceous, Edwards
Location: Jamaica, West Indies

— **gigantea** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 194, pl. XVIII, XIX, XX, XXI, XXII
Formation: Cretaceous
Location: Jamaica, West Indies

Caprotina jerseyensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 568, pl. LXII, figs. 13–15
Formation: Cretaceous, Navesink marl
Location: New Jersey

Capulus corrugatus (nom. prov.) Wihteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 364, pl. 45, figs. 2, 2a
Formation: Cretaceous
Location: Vancouver Island

— **spangleri** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 261, pl. XIII, figs. 5–7
Formation: Cretaceous, Fort Pierre
Location: Fort Collins, Colorado

Cardiaster cinctus (Morton) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 83, pl. XXXVI, figs. 2a, b
Formation: Cretaceous, Rancocas
Location: New Jersey

— **cinctus** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 296, pl. XIV, figs. 1–8
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **cinctus** (Morton) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 75, pl. XXXVII, figs. 1a, b
Formation: Cretaceous
Location: New Jersey

— **curtus** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 84, pl. XXXVII, figs. 1a, b
Formation: Cretaceous, Montana group
Location: Montana

— **marylandica** n. sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 750, pl. XLVII, figs. 6–10
Formation: Cretaceous, Monmouth
Location: Maryland

— **smocki** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 84, pl. XXXVI, figs. 3a–c
Formation: Cretaceous, Matawan
Location: Matawan, New Jersey

— **smocki** n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 298, pl. XIII, figs. 9–11

Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

Cardinia gibbosum ? Hyatt
Geol. Soc. Amer. Bull., vol 5, 1894, p. 420, no pl.
Formation: Jurassic, Upper Lias
Location: California

— (?) **ovula** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p, 32, pl. II, figs. 12, 13
Formation: Triassic
Location: Hutinsel im Bayfjord

— **wyomingensis** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 125, pl. XXV, fig. 8
Formation: Jurassic
Location: Wyoming, Freeze-out Hills

Cardiniopsis n. gen. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 53

— **unioides** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 55, pl. VII, fig. 5; pl VIII, fig. 1; Pl. IX, fig. 1; Pl. X, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California

Cardioceras alaskensis n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 18, pl. VI, figs. 7–10
Formation: Jurassice, Nakuck formation
Location: Cook Inlet, Alaska

— ? **albaniense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 35, pl. XXIII, fig. 1–3, pl. XXIV, figs. 1, 2
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming

— **alternans** (v. Buch sp.) Ravn
Meddelelser om Grönland, vol. 45, p. 486, pl. XXXVI, figs. 1, 2, 3
Formation: Jurassic
Location: "Kloft I," "4 Saenkning" Store Koldewey Island, Hochstetter's Foreland, Greenland

— **alternans** v. Buch sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 486, pl. XXXVI, figs. 1, 2, 3
Formation: Jurassic
Location: "Kloft I" "4 Saenkning" Store Koldewey Island, Hochstetter's Foreland, Greenland

— **americanum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 18, pl. VI, figs. 15–20
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming

— **auroraense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 19, pl. X, figs. 1–5
Formation: Jurassic, Sundance formation
Location: Aurora (Ridge), Wyoming

— **bellefourchense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper, 118, 1919, p. 20, pl. XI, figs. 1, 2; pl. XII, figs. 1, 2
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming

— **canadense** (Whiteaves) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 20, pl. XVII, figs. 5–11
Formation: Jurassic, Cardioceras beds
Location: Fernie, B. C.; Sundance, Wyoming

— **cordiforme** (Meek and Hayden) (Neumayr) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 21, pl. VII, figs. 1–6; pl. VIII, figs. 1–7; pl. IX, fig. 1
Formation: Jurassic, Sundance formation
Location: Southwest base of Black Hills, Wyoming; Freezeout Hills, Wyoming

— **cordiforme** (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 124, pl. XXVII, figs. 1–12
Formation: Jurassic
Location: Freezeout Hills, Wyoming

— **crassum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 23, pl. XII, figs. 3–4; pl. XIII, fig. 1; pl. XIV, fig. 1,2
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming

— **crookense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 23, pl. IX, figs. 2–4
Formation: Jurassic, Sundance formation
Location: Devils Tower; Freezeout Hills, Wyoming

— **distans** (Whitfield) (Neumayr) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 24, pl. XV, figs. 18–21; pl. XVI, figs. 1–6
Formation: Jurassic, Sundance formation
Location: Near Bear Lodge Butte, Wyoming

— **distans** (Whitfield) var. **depressum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 25, pl. XV, figs. 22–24; pl. XVI, figs. 7–11
Formation: Jurassic, Sundance formation
Location: Belle Fourche River west of Sundance, Wyoming

— **dubium** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 420
Formation: Jurassic
Location: California

— **haresi** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 25, pl. XIX, figs. 4–12
Formation: Jurassic, Sundance formation
Location: Redwater Creek boundary between Wyoming and S. Dakota

— **hyatti** n. sp. Reeside
U. S. Geol Sur. Prof. Paper 118, 1919, p. 26, pl. XV, figs. 1–4
Formation: Jurassic, Sundance formation
Location: Difficulty Canyon, Carbon Co., Wyoming

— ? **incertum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 36, pl. XX, figs. 17–20; pl. XXI; pl. XXII, figs. 1, 2
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming

Cardioceras ? latum n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 37, pl. XX, figs. 7–16
Formation: Jurassic, Sundance
Location: Belle Fourche River 25 miles west of Sundance,

Wyoming, Devils Tower and Redwater Creek, Wyoming
— **lillooetense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 27, pl. XVII, figs. 20–23
Formation: Jurassic, Cardioceras beds
Location: Lillooet, B. C.
— **martini** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 27, pl. IX, figs. 5–8
Formation: Jurassic, Cardioceras beds
Location: Matanuska Valley and Cook Inlet, Alaska
— **nathorsti** (Lundgren sp.) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 487, pl. XXXV, fig. 10
Formation: Jurassic
Location: "Kloft I" "Kloft II" "4 Saenkning" Store Koldewey Island, Greenland
— **nathorsti** (Lundgren sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 487, pl. XXV, fig. 10
Formation: Jurassic
Location: "Kloft I" "Kloft II" "4 Saenknig" Store Koldewey Island, Greenland
— **obtusum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 28, pl. XX, figs. 1–6
Formation: Jurassic, Sundance formation
Location: Redwater Creek; Devils Tower, Wyoming
— **plattense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 28, pl. IX, figs. 9–12
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming
— **russelli** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 29, pl. XIII, figs. 2, 3; pl. XIV, figs. 3–5
Formation: Jurassic, Sundance formation
Location: Redwater Creek, Wyoming
— **schucherti** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 30, pl. XI, fig. 3–5
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
— sp. Ravn
Meddelelser om Grönland, vol, 45, 1911, p. 488, pl. XXXV, fig. 11
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 488, pl. XXXV, fig. 11
Location: "Kloft I" Store Koldewey Island
— sp. ? undet. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 37, pl. XXIV, figs. 3,4
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
— **spiniferum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 30, pl. XVIII, fig. 4; pl. XIX, figs. 1–3
Formation: Jurassic, Naknek formation
Location: Cook Inlet, Alaska
— **stantoni** n. sp. Reeside

U. S. Geol. Sur. Prof. Paper 118, 1919, p. 31, pl. XV, figs. 5–8
Formation: Jurassic, Sundance formation
Location: Difficulty Canyon, Carlson County, Aurora, Wyoming

— **stantoni** var. **obesum** n. var. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 31, pl. XV, figs. 9–11
Formation: Jurassic, Sundance formation
Location: Difficulty Canyon, Carlson Co., Wyoming

— **stillwelli** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 31, pl. VI, figs. 11–14
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming

— **sundancense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 32, pl. XVII, figs. 12–19; pl. XVIII, figs. 1–3
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming

— **whiteavesi** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 33, pl. XVII, figs. 1–4
Formation: Jurassic, Sundance formation
Location: Lillooet, B. C.

— **whitfieldi** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 34, pl. VI, figs. 1–6
Formation: Jurassic, Sundance formation
Location: Near Bear Lodge Butte, Wyoming

— **wyomingense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 34, pl. XV, figs 12–17
Formation: Jurassic, Sundance formation
Location: Aurora (Ridge); Sundance, Wyoming

Cardioceratidae (H. Douvillé) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 12
Formation: Jurassic

Cardita alticostata (Gabb) Cooper
Cal. Acad. Sci. Proc., vol. 6, 1896, p. 336, pl. XLVIII, fig.10
Formation: Cretaceous B
Location: California

— **belviderensis** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 5, pl. I, figs. 9–11
Formation: Cretaceous, Neocomian
Location: Kansas; New Mexico

— **intermedia** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 565, pl. LXII, figs. 6–8
Formation: Cretaceous, Vincentown sand and Manasquan marl
Location: New Jersey

— **Posadae** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 126, Lám, XXV, figs. 4, 6, 7; Lám XXVI, fig. 3
Formation: Cretaceous, Vraconian
Location: Chihuahua

— (?) **ursina** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 33, pl. II, fig. 15
Formation: Triassic
Location: Bärensptize nachst der Bärenbucht im Heurekasund, (Loser Block)

— **Willei** n. f. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 34, pl. II, fig. 14
Formation: Triassic
Location: Bärensptize nachst der Bärenbucht im Heurekasund, (Loser Block)

Cardium (Linné) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 663, no pl.
Formation: Cretaceous
Location: Maryland

— **alabamense** Harris and Veatch
Geol. Sur. La Rept. 1899, p. 294, pl. L, fig.4
Formation: Cretaceous
Location: Bienville Parish, Louisiana

— **(Nemocardium) bisolaris** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 6, pl. 1, fig. 16
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

— **cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 581, pl. LXIV, figs. 1–4
Formation: Cretaceous, Cliffwood clay
Location: New Jersey

— **concinnum** (v. Buch) Lundgren
Meddelelser om Grønland, vol. 19, 1895, p. 207, pl. IV, fig. 25
Formation: Jurassic
Location: Kap Stewart, east Greenland

— **dumosum** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 668, no pl.
Formation: Cretaceous
Location: Delaware; Maryland; New Jersey; Mississippi

— **dumosum** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 590, pl. LXV, figs. 7–10
Formation: Cretaceous, Woodbury clay, Wenonah sand, Red Banks sands
Location: New Jersey

— **eufaulensis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 577, pl. LXIII, figs. 17–20
Formation: Cretaceous, Wenonah sand
Location: New Jersey; North Carolina; Alabama; Mississippi; Arkansas

— **eufalense** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 664, pl. XL, figs. 1, 2
Formation: Cretaceous, Magothy, Matawan, Monmouth, Black Creek, Eutaw, Ripley
Location: Mississippi; Maryland; Delaware; New Jersey; South Carolina; Georgia; Alabama

— **(granocardium) budaense** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 25, pl. XIII, figs. 2–4
Formation: Cretaceous
Location: Texas

— **(Protocardia) Hillanum**, Sowerby, Böse
Inst. Geol. de México, 1910, Bol. 25, p. 129, Lám. XXVII; figs. 4, 5; Lám. XXVIII, figs. 1, 3
Formation: Cretaceous, Vraconian and Cenomanian
Location: Chihuahua

— **knappi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 595, pl. LXVI, figs. 4–7
Formation: Cretaceous, Hornerstown marl, and Vincentown limesand
Location: New Jersey
— **kümmeli** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 585, pl. LXVI, figs. 1–3
Formation: Cretaceous, Navesink marl, Red Bank sand, Tinton beds
Location: New Jersey; Alabama; Mississippi
— **kümmeli** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 673, no pl.
Formation: Cretaceous, Matawan, Monmouth, Ripley
Location: Delaware; Maryland; New Jersey; Alabama; Mississippi; Georgia
— **longstreeti** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 579, pl. LXIII, figs. 21, 22
Formation: Cretaceous, Wenonah sand
Location: New Jersey
— **lorallardensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 582, pl. LXIV, figs. 5–8
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— ? **mudgei** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 6, no pl.
Formation: Cretaceous, Neocomian
Location: Kansas
— **Muñozi** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 131, Làm. XXVIII, figs. 2, 4–6
Formation: Cretaceous, Vraconian
Location: Chihuahua
— **nucleolus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 575, pl. LXIII, figs. 8–9
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **pauperculum** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9, p. 207, pl. XXXIII, fig. 11
Formation: Cretaceous
Location: Socorro county, New Mexico
— **pauperculum** (Meek) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton
Location: Mexico
— **pauperculum** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 638, no pl.
Formation: Cretaceous, Colorado formation
Location: Wyoming; Colorado; Utah; Yellowstone National Park
— **pauperculum** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 99, pl. XXII, figs. 9–12
Formation: Cretaceous
Location: Colorado; Kansas; Utah
— **pilsbryi** n. sp. Weller

Geol. Sur. N. J., Pal., vol. 4, 1907, p. 594, pl. LXV, figs. 11, 12
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

— **(Protocardia) Vaughani** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 26, pl. XIV, figs. 1–3
Formation: Cretaceous

— (sp. ?) Herrick-Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 207, pl. XXXV, fig. 1
Formation: Cretaceous
Location: New Mexico

— **(Prtotocardia) texanum** (Conrad) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 25, pl. XIII, figs. 5–7
Formation: Cretaceous
Location: Austin, Texas

— **quinordinatum** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 57, no pl.
Formation: Cretaceous, Washita
Location: Georgetown, Texas

— **ripleyanum** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 582, pl. LXV, figs. 4–6
Formation: Cretaceous, Cliffwood, Merchantville, and Woodbury clay
Location: New Jersey

— **sevierense** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous
Location: Arkansas

— **spillmani** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 666, no pl.
Formation: Cretaceous, Matawan, Monmouth, Black Creek, Peedee, Eutaw, Ripley, Selma
Location: Maryland; New Jersey; North and South Carolina; Georgia; Mississippi; Alabama

— **spillmani** (Conrad) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 583, pl. LXIV, figs. 9–11
Formation: Cretaceous, Merchantville clay-marl, Navesink marl
Location: New Jersey; Alabama; Mississippi; Texas; Oklahoma

— **subcongestum** n. sp. Böse
Inst. Geol. de México, Bol. 25, p. 128, 1910, Lám. 27, figs. 6–13
Formation: Cretaceous, Vraconian
Location: Chihuahua

— **tenuistriatum** (Whitfield) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 591, pl. LXV, figs. 13–19
Formation: Cretaceous, Merchantville clay-marl, Marshalltown clay-marl, Wenonah sand, Navesink marl
Location: New Jersey

— **tenuistriatum** (Whitfield) (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 669, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; New Jersey

— **(Protocardia) texanum** (Conrad) Shatttuck
U. S. Geol. Sur., Bull. 205, p. 25, pl. XIII, figs. 5–7
Formation: Cretaceous

Location: Austin, Texas

— **trillineatum** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 589, pl. LXV, fig. 20
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **trite** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 100, pl. XXII, figs. 7, 8
Formation: Cretaceous
Location: Utah

— **uniformis** n. sp. Weller
Geol. Sur. N. J. Pal., vo.l 4, 1907, p. 588, pl. LXV, figs. 1–3
Formation: Cretaceous, Woodbury clay
Location: New Jersey

— **wenonah** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 576, pl. LXIII, figs. 10–16
Formation: Cretaceous, Wenonah sand, Red Banks sand
Location: New Jersey; Texas

— **whitfieldi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 580, pl. LXIV, fig. 8
Formation: Cretaceous, Woodbury clay
Location: New Jersey

Caricella plicata (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 772, pl. XCI, figs. 7, 8
Formation: Cretaceous, Manasquan marl
Location: New Jersey

— **plicata** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 182, pl. XXIII, figs. 1, 2
Formation: Cretaceous, Upper Green Marls
Location: New Jersey

— **plicata** n. sp .Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 182, pl. XXIII, figs. 1, 2
Formation: Cretaceous, Upper Green Marls
Location: Farmingdale, New Jersey

Caryatis see **Cytherea**

— **veta** (Whitfield) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 206, pl. XXX, figs. 6, 7
Formation: Createceous
Location: Rio Puerco Valley, New Mexico

— **veta** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 611, pl. LXVIII, figs. 11, 12
Formation: Cretaceous, Hornerstown marl, Vincentown limesand, Manasquan marl
Location: New Jersey

Cassianella (Burckhardtia) aguilerae n. sp., n. gen. Frech
Cong. Géol. Intern. C. R. 10° sess. Mexico, 1906, p. 335, Taf. II, Figs. 1a, d
Formation: Triassic
Location: Arroyo Calavera, Zacatecas, Mexico

— **(Burckhardtia) Boesei** n. sp. Frech
Cong. Géol. Intern. C. R. 10° sess. Mexico, 1906, p. 334, Taf. II, Fig. 3
Formation: Triassic
Location: Arroyo Calavera, Zacatecas, Mexico

Cassianella Beyrich n. subgen. **Burckhardtia Frech**
Cong. Géol. Intern. C. R. 10^{e} sess. Mexico, 1906, p. 334, Taf. II
Formation: Triassic
Cassidulus (Lamarck) Slocom
Field Col. Mus. Nat. Hist., Pub. 134, 1909, p. 5, no pl.
Formation: Cretaceous, Eocene
— **abruptus** (Conrad) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 81, no pl.
Formation: Cretaceous, Ripley
Location: Tippale county, Mississippi
— **aequorens** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 293, pl. XII, figs. 5–12
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **aequorens** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 75, pl. XXX, figs. 2a–i
Formation: Cretaceous, Monmouth, Ripley
Location: New Jersey; Alabama
— **aequorens** (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 68, pl. XXIX, figs. 1a–i
Formation: Cretaceous, Ripley group
Location: Alabama
— **conoidens** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, p. 80, pl. XXVIII, figs. 3a–d
Formation: Cretaceous, Ripley
Location: Clay county, Georgia
— **florealis** (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 66, pl. XXVIII, figs. 1a–l
Formation: Cretaceous
Location: New Jersey; Delaware
— **florealis** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 74, pl. XXX, figs. 1a–l
Formation: Cretaceous, Matawan, Selma
Location: Delaware; Alabama
— **hemisphericus** (Slocom) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 80, pl. XXXIV, figs. 2a–c
Formation: Cretaceous, Ripley
Location: Mississippi
— **hemisphericus** n. sp. Slocom
Field Col. Mus. Nat. Hist. Pub. 134, 1909, Geol. ser., vol. 4, No. 1, p. 7, pl. I, figs. 7–9
Formation: Cretaceous, Ripley
Location: Mississippi
— **intermedins** (Slocom) Clarkand Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 78, pl. XXXIV, figs. 1a–f
Formation: Cretaceous, Ripley
Location: Mississippi
— **intermedins** n. sp. Slocom
Field Col. Mus. Nat. Hist. Pub. 134, 1909, vol. 4, No. 1, p. 5; Geol. Ser., pl. I, figs. 1–6
Formation: Cretaceous, Ripley group
Location: Mississippi
— **micrococcus** (Gabb) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 76, pl. XXXI, figs. 1a–i

Formation: Cretaceous, Ripley
Location: Eufaula, Alabama
— **micrococcus** (Gabb) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 69, pl. XXX, figs. 1a–i
Formation: Cretaceous, Ripley group
Location: Alabama
— **porrectus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 78, pl. XXXII, figs. 2a–b; pl. XXXIII, figs. 1a–b
Formation: Cretaceous, Ripley
Location: Eufala, Alabama
— **porrectus** Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 72, pl. XXXIII, figs. 1a–b; pl. XXXIV, figs. 1a–b; pl. XXXV, figs. 1a–d
Formation: Cretaceous, Ripley group
Location: Alabama
— sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 750, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland
— **stantoni** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 79, pl. XXXIII, figs. 2a–d
Formation: Cretaceous
Location: Huerfano county, Colorado
— **stantoni** (Clark)
U. S. Geol. Sur. Bull. 97, p. 73, 1893, pl. XXXV, figs. 2a–d
Formation: Cretaceous
Location: Colorado
— ? **subangulatus** (Emmons) Clark and Twitchell
U. S. Geol. Sur. Mon. 54,, 1915, p. 81, no pl.
Formation: Cretaceous, Pedee sand ?
Location: Craven county, North Carolina
— **subconicus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 77, pl. XXXII, figs. 1a–k
Formation: Cretaceous, Ripley
Location: Dumas, Mississippi
— **subconicus** Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 71, pl.XXXII, figs. 1a–k
Formation: Cretaceous, Ripley group
Location: Mississippi
— **subquadratus** (Con) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 70, pl. XXXI, figs. 1a–b
Formation: Cretaceous, Ripley formation
Location: Mississippi
— **subquadratus** (Conrad) Slocom
Field Col. Mus. Nat. Hist., Pub. 134, 1909, vol. 4, No. 1, p. 5, no pl.
Formation: Cretaceous
Location: Mississippi
— **subquadratus** (Conrad) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 77, pl. XXXI, figs. 2a–g
Formation: Cretaceous, Ripley
Location: Near Holly Springs, Mississippi
Catopygus oviformis (Conrad) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 72, pl. XXIX, figs. 2a–f

Formation: Cretaceous, Rancocas
Location: Timber Creek, New Jersey
— **oviformis** (Con) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 64, pl. XXVII, figs. 2a–b
Formation: Cretaceous
Location: New Jersey
— **oviformis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 291, pl. XI, figs. 10–15
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **pusillus** (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 292, pl. XI, figs. 16–19
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **pusillus** Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 65, pl. XXVII, figs. 3a–d
Formation: Cretaceous
Location: New Jersey
— **pusillus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 73, pl. XXIX, figs. 3a–d
Formation: Cretaceous, Matawan
Location: Monmouth county, New Jersey
— sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1815, p. 74, no pl.
Formation: Cretaceous, Monmouth
Location: Beers Hill Cut, New Jersey
— sp. undt. Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 293, no pl.
Formation: Cretaceous, Tinton beds
Location: New Jersey
— **williamsi** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 73, pl. XXIX, figs. 4a–d
Formation: Cretaceous, Monmouth
Location: New Jersey
— **williamsi** n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 292, pl. XII, figs. 1–4
Formation: Cretaceous, Navesink marl
Location: New Jersey
Cavoscala n. gen. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 176, no pl.
Formation: Cretaceous
— **annulata** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 676, pl. LXXVI, figs. 5–7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **annulata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 117, pl. XXII, figs. 1–5
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **annulata** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 177, pl. XXII, figs. 1–5
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
Celtites (Mojsisovics) Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 125, no pl.
Formation: Triaasic

— **gabbi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 34, pl. XX, figs. 9–14
Formation: Triassic
Location: West Humboldt range, Nevada

— **halli** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 125, pl. XXV, figs. 4, 4a, 5, 5a, 5b; pl. LXXV, figs. 1–5
Formation: Triassic
Location: Nevada

—**polygyratus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 35, pl. XX, figs. 1–8
Formation: Triassic
Location: West Humboldt range, Nevada

Celtitidae (Mojsisovics) Smith
U. S. Geol. Sur. Prof Paper 83, 1914, p. 33, no pl.
Formation: Triassic

— Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 121, no pl.
Formation: Triassic

Ceratites (de Haan) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 72, no pl.
Formation: Triassic

— (de Haan) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 382, no pl.
Formation: Triassic

— (de Haan) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 167, no pl.
Formation: Triassic

— **altilis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 83, pl. XLV, figs. 14–22; pl. LXVII, figs. 19–21
Formation: Triassic
Location: West Humboldt range, Nevada

— **applanatus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 80, pl. LIII, figs. 9–14
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Philippites) argentarius** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 107, pl. LXIII, figs. 1–14
Formation: Triassic
Location: West Humboldt range, Nevada

— **beecheri** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 94, pl. XLIII, figs. 15–26
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Gymnotoceras) beckeri** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914 ,p. 109, pl. III, figs. 4, 5, 7–9; pl. LXVI, figs. 10–20
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Gymnotoceras) blakei** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 109, pl. III, figs. 10–20;

pl. XVI, figs. 8–10; pl. LXV, figs. 14–19; pl. LXVI, fig.s 1–9
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Gymnotoceras) blakei** (Gabb) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 173, pl. XXII, figs. 1–23
Formation: Triassic
Location: California

— **(Gymnotoceras) blakei** (Gabb) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 387, pl. XLIII, figs. 9, 10; pl. XLIV, figs. 2, 3
Formation: Triassic
Location: Nevada

— **(Paraceratites) burckhardti** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 90, pl. LII, figs. 19–21
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Paraceratites) Clarkei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 91, pl. XL, figs. 15–23; pl. LII, figs. 1–11
Formation: Triassic
Location: West Humboldt range, Nevada

— **cornutus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 98, pl. LXII, figs. 1–17
Formation: Triassic
Location: West Humboldt range, Nevada

— **crassicornu** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 95, pl. XLIII, figs. 11–14
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Paraceratites) crichi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 87, pl. XXXVII, figs. 6–13; pl. XXXVIII, figs. 1–12; pl. XLVII, figs. 19–24
Formation: Triassic
Location: West Humboldt range, Nevada

— **ecarinatus** (Hauer) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 96, pl. XLIV, figs. 1–3
Formation: Triassic
Location: West Humboldt range, Nevada

— **emmonsi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 98, pl. LX, figs. 13–21
Formation: Triassic
Location: West Humboldt range, Nevada

— **fissicostatus** (Hauer) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 96, pl. LIII, figs. 1–3
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Paraceratites) gabbi** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 88. pl. V, figs. 1, 2; pl. XV, figs. 4, 4a
Formation: Triassic
Location: West Humboldt range, Nevada

— **gilberti** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 84, pl. XCVIII, figs. 1–3
Formation: Triassic

Location: West Humboldt range, Nevada
— **haguei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 97, pl. XLII, figs. 1–5; pl. XLIII, figs. 1–10
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Gymnotoceras) hersheyi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 110, pl. XCIII, figs. 1–14
Formation: Triassic
Location: West Humboldt range, Nevada
— **humboltensis** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905. p. 170, pl. LXII, figs. 1–23
Formation: Triassic
Location: Nevada
— **humboldtensis** (Hyatt and Smith) Smith
Leland Stan., Jr., Univ. Pub., 1914, pl. V, figs. 20–26
Formation: Middel Triassic
Location: Nevada
— **humboldtensis** (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 99, pl. VII, figs. 1–23; pl. LXI, figs. 1–15
Formation: Triassic
Location: West Humboldt range, Nevada
— **karpinskyi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 100, pl. XLIV, figs. 4–20
Formation: Triassic
Location: West Humboldt range, Nevada
— **kingi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 85, pl. XLI, figs. 1–13
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Philippites) lawsoni** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 108, pl. LVI, figs. 1–3; pl. LVII, figs. 1–17
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Gymnotoceras) meeki** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 111, pl. XIV, figs. 10a–c; pl. LXIX, figs. 1–19
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Hollandites) montis-bovis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 105, pl. LVIII, figs. 1–20
Formation: Triassic
Location: West Humboldt range, Nevada
— **nevadanus** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 101, pl. XV, figs. 6, 6a; pl. LXIV, figs. 1–14; pl. LXV, figs. 1–13
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Paraceratites) newberryi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 92, pl. XL, figs. 1–14
Formation: Triassic
Location: West Humboldt range, Nevada
— **occidentalis** n. sp. Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 84, pl. XLIV, figs. 21–28; pl. XLV, figs. 1–13
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Hollandites) organi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 105, pl. LIV, figs. 1–9; pl. LV, figs. 1–30
Formation: Triassic
Location: West Humboldt range, Nevada

— **pilatus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 102, pl. XLVI, figs. 1–16 pl. LXXXIX, figs. 10–13
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Philippites) ransomei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 108, pl. XCIX, figs. 1–4
Formation: Triassic
Location: Wheeler mine, Unionville, West Humboldt range, Nevada

— **rectangularis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 85, pl. XLI, figs. 14, 15
Formation: Triassic
Location: West Humboldt range, Nevada

— **rotuloides** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 80, pl. XLVII, figs. 1–10
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Gymnotoceras) russelli** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 111, pl. III, figs. 1–3, 6; pl. LXVII, figs. 1–15
Formation: Triassic, Daonella zone
Location: West Humboldt range and Desatoya mountains, Nevada

— **spinifer** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 103, pl. LIX, figs. 1–10; pl. LX, figs. 1–12
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Gymnotoceras) spurri** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 112, pl. LXVII, figs. 16–18
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Paraceratites) taurus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 88, pl. XXXV, figs. 1–3
Formation: Triassic
Location: West Humboldt range, Nevada

— **tenuispiralis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 81, pl. XLVI, figs. 17–25
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Paractratites) trinodosus** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 92, pl. XXXIX, figs. 1–19; pl. LII, figs. 12–18
Formation: Triassic

Location: Near Fitting post office, West Humboldt range, Nevada
— **(Paraceratites) trojanus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 88, pl. XXXVI, figs. 1–5; pl. XXXVII, figs. 1–5
Formation: Triassic
Location: West Humboldt range, Nevada
— **vogdesi** n. sp. Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 385, pl. XLIII, figs. 7–8; pl. XLIV, fig. 1
Formation: Triassic
Location: Nevada
— **(Paraceratites) vogdesi** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 89, pl. XXXV, figs. 4–9
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Paraceratites) wardi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 94, pl. LIII, figs. 4–8
Formation: Triassic
Location: West Humboldt range, Nevada
— **washburnei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 103, pl. XCII, figs. 9–17
Formation: Triassic
Location: West Humboldt range, Nevada
— **weaveri** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 82, pl. XCVIII, figs. 4–7
Formation: Triassic
Location: West Humboldt range, Nevada
— **(Gymnotoceras) wemplei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 113, pl. LXVIII, figs. 1–9
Formation: Triassic
Location: West Humboldt range, Nevada
— **williamsi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 83, pl. XLVII, figs. 11–18
Formation: Triassic
Location: West Humboldt range, Nevada
Ceratitidae Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 156, no pl.
Formation: Triassic
Ceratitoidea Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 114, no pl.
Formation: Triassic
Cercomya peculiaris (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 518, pl. LVI, figs. 13, 14
Formation: Cretaceous, Woodbury clay
Location: New Jersey
Cercomya—see Anatina
Cerithium (Brugière) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 481, no pl.
— **Aguilerae** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 70, Lám. XV, fig. 24-27
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas
— **arcuiferum** n. sp. Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 99, pl. XX, fig. 13
Formation: Jurassic
Location: Malone, Texas

— sp. aff. **arcuiferum** (Stanton) Roig
Secretaria de Agr., Comercia y Trabajo Bol. Especial Habana Cuba 1920, p. 46, pl. 15, fig. 6
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón

— **bosquense** (Shum) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 220, pl. XLII, figs. 9, 10
Formation: Cretaceous, "Exogyra Texana" beds
Location: Texas; Oklahoma

— **branneri** n. sp. Hall and Ambrose
The Nautilus vol. 30, No. 6, 1916, p. 70
Formation: Cretaceous, Chico
Location: Tesla and Corral Hollow, California

— **Cuauhtemoci** n. sp. Böse
Inst. Geol. de México Bol. 24, 1906 p. 72, Lám. XXI, fig. 3
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico

— **fairbanksi** n. sp. Cooper
Cal. State Mining Bureau, Bull. 4, 1894, p. 44, pl. I, fig. 12
Formation: Cretaceous
Location: San Diego, California

— **harveyi** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, 1903, pt. 5, p. 362, pl. LXIII, fig. 7
Formation: Cretaceous
Location: Vancouver Island

— **hilli** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 21, pl. X, fig. 4
Formation: Cretaceous, Buda
Location: Austin, Texas

— **hilli** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 21, pl. X, fig. 4
Formation: Cretaceous, Buda
Location: Austin, Texas

—**interlineatum** n. sp. Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 221, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Denton county, Texas

— **paskentaenis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 71, pl. XIII, figs. 5, 6
Formation: Cretaceous
Location: Paskenta, California

— **pilsbryi** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 481, no pl.
Formation: Cretaceous, Matawan
Location: Maryland; New Jersey

— **pilsbryi** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 708, pl. LXXXI, figs. 3-5
Formation: Cretaceous, Merchantville clay marl
Location: New Jersey

— **potosianum** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 69, Lám. XV, fig. 23, 25, 26
Formation: Cretaceous, Lower Senonian
Location: Mexico

— **proctori** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 222, pl. XLII, figs. 11, 12
Formation: Cretaceous
Location: Austin, Texas

— **shumardi** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 21, pl. X, fig. 3
Formation: Cretaceous, Buda
Location: Austin, Texas

— **shumardi** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 21, pl. X, fig. 3
Formation: Cretaceous, Buda
Location: Austin, Texas

— aff. **Simonyi** (Zek) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 73, Lám. XVI, fig. 1, 2
Formation: Cretaceous, Lower Senonian
Location: Mexico

— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 71, no pl.
Formation: Cretaceous, Knoxville beds
Location: California

— ? sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 639, no pl.
Formation: Mesozoic
Location: Yellowstone National Park

— **stantoni** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 20, pl. X, figs. 1, 2
Formation: Cretaceous, Buda
Location: Austin, Texas

— **stantoni** n. sp. Whitney
Texas Acad. Sci. Trans. vol. 12, 1913, p. 20, pl. X, figs. 1, 2
Formation: Cretaceous, Buda
Location: Austin, Texas

— **strigosum** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 71, pl. XIII, fig. 7
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California

— **subcarnaticum** var. **acuticostatum** Böse
Inst. Geol. de México, Bol. 24, 1906, p. 69, Lám. XV, fig. 14-18
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico

— **subcarnaticum** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 67, Làm. XV, figs. 19-22
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico

— ? **texanum** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 32, pl. XIX, figs. 7, 8
Formation: Cretaceous, Buda
Location: Austin, Texas

—**tramitense** n. sp. Cragin
Texas Geol. Sur. 4th Ann. Rep., 1893, p. 220, no pl.
Formation: Cretaceous, Lower Cross Timber sandstone
Location: Denton county, Texas

— **vancouverense** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903. pt. 5, p. 361, pl. 43, fig. 6
Formation: Cretaceous
Location: Vancouver Island
Charydrobia stachei n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 58, pl. X, figs. 7–9
Formation: Cretaceous, Bear River formation
Location: Near Cokeville, Wyoming
Chemnitzia ? coalvillensis (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, p. 209, pl. XXVIII, fig. 5
Formation: Cretaceous
Location: New Mexico
— **? coalvillensis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 141, pl. XXX, figs. 10, 11
Formation: Cretaceous
Location: Utah
— **hamptonensis** (Morris and Lycett) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 481, pl. XXXV, fig. 8
Formation: Jurassic
Location: "Kloft I" "4 Saenkning" Store Koldewey Island, Greenland
— **hamptonensis** (Morris and Lycett) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 484, pl. XXXV, fig. 8
Formation: Jurassic
Location: "Kloft I" "4 Saenkning" Store Koldewey Island, Greenland
— sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 142, no pl.
Formation: Cretaceous
Location: Utah
— **undulata** (Tullberg sp.) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 483
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island, Greenland
— **undulata** (Tullberg sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 483
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island, Greenland
Chione (?) decepta n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 27, pl. I, figs. 9, 10
Formation: Cretaceous, Glen Rose beds
Location: Texas
Chondrilla sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16, fig. 17
Formation: Cretaceous flint
Location: Texas
Chondrodonta n. gen. Stanton
Type: Ostrea munsoni Hill

U. S. Nat. Mus. Proc., vol. 24, 1902, p. 302
Formation: Cretaceous, Edwards limestone
Location: Texas

— **glabra** n. sp. Stanton
U. S. Nat. Mus. Proc., vol. 24, 1902, p. 306, pl. XXVI, figs. 1–3
Formation: Cretaceous, Glen Rose
Location: Texas

— **munsoni** Hill, Stanton
U. S. Nat. Mus. Proc., vol. 24, 1902, p. 303, pl. XXV, figs. 1–5
Formation: Cretaceous, Edwards
Location: Texas

Choristoceras suttonensis n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 434, pl. XI, figs. 4–6
Formation: Jurassic
Location: Cowichan Lake, Vancouver

Cidaris bellefourchensis n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 391, pl. XLII, fig. 5
Formation: Jurassic
Location: Black Hills

— **californicus** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 30, pl. IV, figs. 1a–c
Formation: Jurassic
Location: Plumas county, California

— **californicus** (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 36, pl. VI, figs. 1a–b
Formation: Jurassic
Location: California

— **dilleri** Clark n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 23, pl. I, fig. 6
Formation: Triassic
Location: Shasta county, California

— **dixiensis** (Cragin) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 47, pl. IX, figs. 7a–b
Formation: Cretaceous, Taylor marl
Location: Dallas, Texas

— **dixiensis** n. sp. Cragin
Texas. Geol. Sur., 4th Ann. Rept., 1893, p. 146, pl. XLVI, figs. 15, 16
Formation: Cretaceous, "Contact between Chalk and Ponderosa marl"
Location: Dallas, Texas

— ? **nabalakensis** (De Loriol) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 48, no pl.
Formation: Cretaceous, Selma Chalk
Location: Kemper county, Mississippi

— **plumasensis** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 31, pl. IV, fig. 3
Formation: Jurassic, Hardgrave Sandstone
Location: Plumas county, California

— **shastensis** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 23, pl. I, fig. 5
Formation: Triassic
Location: Shasta county, California

— sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 749, no pl.

Formation: Cretaceous, Rancocas
Location: Delaware

— sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 164, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Austin, Texas

— **splendens** (Morton) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 46, pl. IX, figs. 4a-b, 5a-f, 6
Formation: Cretaceous, Rancocas
Location: Timber creek and Vincentown, New Jersey

—**splendens** (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 33, pl. VI, figs. 3a–g
Formation: Cretaceous
Location: New Jersey

— **splendens** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 279, pl. VII, figs. 1–9
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **taylorensis** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 30, pl. IV, figs. 2a, b
Formation: Jurassic, Hardgrave sandstone
Location: Plumas county, California

— **taylorensis** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 35, pl. VI, figs. 2a, b
Formation: Jurassic
Location: California

— **tehamaensis** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 44, pl. IX, fig. 1
Formation: Cretaceous, Knoxville
Location: Tehama county, California

— **texanus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 45, pl. IX, figs. 2a, b
Formation: Cretaceous, Washita
Location: Bexar county, Texas

—**texanus** (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 36, pl. VII, figs. 1a–e
Formation: Cretaceous, Washita formation
Location: Bexar county, Texas

— **walcotti** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 37, pl. VI, figs. 4a–d
Formation: Cretaceous
Location: New Jersey

— **walcotti** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 45, pl. IX, figs. 3a–d
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey

— **walcotti** (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 281, pl. VII, figs. 10–13
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Cinulia Gray, Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 401, no pl.
Formation: Cretaceous

— **conradi** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 23, pl. X, figs. 5-7

Formation: Cretaceous, Buda
Location: Austin, Texas
— **conradi** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 23, pl. X, figs. 5–7
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **costata** n. sp. Johnson
Phial. Acad. Nat. Sci. Proc., 1898, p. 462, fig. 1
Formation: Cretaceous
Location: New Jersey
— **naticoides** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 811, pl. XCIX, figs. 12, 13
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **naticoides** (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 402, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland. New Jersey
— **(Oligoptycha) naticoides** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 161, pl. XIX, figs. 28–30
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **obliqua** Gabb Whiteaves
Geol. Sur. Can. Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 354, no pl.
Formation: Cretaceous
Location: Vancouver Island
— **ovoidea** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 162, pl. XX, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **ovoidea** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 162, pl. XX, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey
— **pelleti** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 23, pl. X, figs. 9–11
Formation: Cretaceous, Buda
Location: Austin, Texas
— **pelleti** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 23, pl. X, figs. 9–11
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **tarrantensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 223, pl. XLII, figs. 1, 2
Formation: Cretaceous, top of Exogyra texana bed
Location: Texas
— **washitaensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 143, pl. X, figs. 33-37
Formation: Cretaceous. Weno
Location: Gainesville, Texas
Cistella beecheri n. sp. Clark
Johns Hopkins Univ. Cir., vol. 15, No. 121, 1895, p. 3, pl. fig. C
Formation: Rancocas
Location: Vincentown, New Jersey
— **beecheri** (Clark) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 361, pl. XXVII, figs. 14–17
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **plicatilis** n. sp. Clark
Johns Hopkins Univ. Cir., vol. 15, No. 121, 1895, p. 3, pl. fig. D
Formation: Rancocas
Location: Vincentown, New Jersey
— **plicatilis** (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 362, no pl.
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Cithara crosswickensis n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 107, pl. XIII, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **crosswickensis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 107, pl. XIII, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **crosswickensis** (Whitfield) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 803, pl. XCVIII, figs. 20-21
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **mullicaensis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 804, pl. XCVIII, figs. 22-28
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **mullicaensis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 106, pl. XIII, figs. 2-6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **mullicaensis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 106, pl. XIII, figs. 2-6
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
Cladocora Jamaicensis n. sp. Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899, p. 234, pl. XXXVI, fig. 5-7
Formation: Cretaceous, Blue Mountain series
Location: Solomon Mountain west of Mint, Westmoreland Parish, Jamaica
Clausa americana (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 325, pl. XXII, fig. 11
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Clavagella armata (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 525, pl. LVIII, fig. 1, 2
Formation: Cretaceous, Navesink marl
Location: New Jersey
Clavellatae (Agassiz)
Example: **Trigonia clavellata** (Parkinson) Packard
University of Oregon Pub., vol. 1, No. 9, 1921, p. 12, pl. I, fig. 2
Formation: Jurassic-Cretaceous
Clavulina communis (d'Orbigny) Woodward

New York Microsopical Soc. Journ., vol. X, No. 4, 1894, p. 98
Formation: Cretaceous
Location: Timber Creek, N. J.

— **communis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 198
Formation: Cretaceous, Vincentown limesand
Location: Brownsville, New Jersey

— **communis** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1893, p. 32, no. pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey

— **parisiensis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 199, pl. I, fig. 25
Formation: Cretaceous, Vincentown limesand
Location: Brownsville, New Jersey

— **parisiensis** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 32, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey

Clionites (Neanites) californicus n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 190, pl. LXXXIII, figs. 14-27
Formation: Triassic
Location: Shasta county, California

—**(Neanites) californicus** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XV, figs. 17-20
Formation: Upper triassic
Location: California

—**(Shastites) compressum** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 188, pl. XLIII, figs. 1-15
Formation: Triassic
Location: Shasta caunty, California

— **fairbanksi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 183, pl. XL, figs. 1-11, pl. XLI, figs. 1-14
Formation: Triassic
Location: Shasta county, California

—**(Californites) Merriami** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XV, figs. 9-12
Formation: Upper triassic
Location: California

— **Mojsisovics**, Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 181, no pl.
Formation: Triassic
Location: California

—**(Traskites) robustus** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XV, figs. 1-8
Formation: Upper triassic
Location: California

—**(Traskites) robustus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 186, pl. XLII, figs. 1-19
Formation: Triassic
Location: California

—**(Stantonites) rogosus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 185, pl. XLI, figs. 15-26

Formation: Triassic
Location: Shasta county, California
— sp. indt. Burckhardt
Inst. Geol. de México Bol. 21, 1905, p. 8, Lám. I, fig. 3a, b
Formation: Triassic
Location: Puente de Ahogado, Zacatecas
Clisocolus cerdatus (Whiteaves) Whiteaves
Geol. Sur. Can. Mesozoic Fossils, 1903, vol. I, pt. 5, p. 384, no pl.
Formation: Cretaceous
Location: Vancouver Island
— **dubius** (Gabb) Whiteaves
Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 383, no pl.
Formation: Cretaceous
Location: Vancouver Island
Clypites Waagen, Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 102, no pl.
Formation: Triassic
Location: Idaho
— **tenuis** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 103, pl. I, figs. 4–8
Formation: Triassic
Location: Soda Springs, Idaho
Coccoliths and Rhabdoliths (Woodward and Thomas)
Geol. and Nat. Hist. Sur. of Minn., vol. 3, pt. 1,, 1895, p. 49, pl. E, figs. 1, 2
Formation: Cretaceous
Location: New Ulm, Minnesota
Codiopsis texana n. sp. Whitney
Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 7. pl. III, figs. 1-4, pl.VI, fig. 2
Formation: Cretaceous, Buda
Location: Austin, Texas
Coeloptychium ? jerseyense n. sp. Shimer and Powers
U. S. Nat. Mus. Proc., vol. 46, 1914, p. 155, pl. VII
Formation: Cretaceous, Navesink beds
Location: New Jersey. Atlantic Highlands
Coilophoceratidae Hyatt
U. S. Geol. Sur. Mon. 44, 1903. p. 88, no pl.
Formation: Cretaceous
Coilophoceras n. gen. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 91, no pl.
Formation: Cretaceous
— **colleti** n. sp. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 91, pl. X, figs. 5–21. pl. XI, fig. 1
Formation: Cretaceous
Location: Carthage, New Mexico
— **springeri** n. sp. Hyattt
U. S. Geol. Sur., Mon. 44, 1903, p. 96, pl. XII, figs. 1–3
Formation: Cretaceous
Location: New Mexico
— **novimexicanum** n. sp. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 94, pl. X, figs. 1–4
Formation: Cretaceous
Location: New Mexico

Columbites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 50, no pl.
Formation: Triassic
— **humboldtensis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 36, pl. XX, figs. 26–28; pl. LXXXVII, figs. 1–4
Formation: Triassic
Location: Idaho
— **parisianus** (Hyatt and Smith) Smith
Leland Stan., Jr., Univ. Pub., 1914, pl. IV, figs. 1–10
Formation: Triassic
Location: Idaho
— **parisianus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 51, pl. I, figs. 9–14; pl. LXI, figs. 1–21; pl. LXXII, figs. 1–24
Formation: Triassic
Location: Idaho
— **plicatulus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 37, pl. XX, figs. 15–20; pl. LXXXVII, figs. 15–23
Formation: Triassic
Location: West Humboldt range, Nevada
— **spencei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 36, pl. LXX, figs. 1–16; pl. LXXI, figs. 1–16
Formation: Triassic
Location: Idaho
Comptonia (?) sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 49, pl. X, fig. 1
Formation: Cretaceous, Pawpaw
Location: North Texas
— **wintoni** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 97, pl. VII, figs. 4, 5
Formation: Cretaceous
Location: Texas
Conorbis mcnairyensis n. sp. Wade
Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 280, pl. XVII, figs. 1, 2
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Coptosoma mortoni (de Loriol) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, p. 62, pl. XXII, figs. 1a–e
Formation: Cretaceous, Selma
Location: Kemper county, Mississippi
— **mortoni** (de Loriol) Clark
U. S. Geol. Sur. Bull. 97, 1893. p. 51, pl. XVII, figs. 1a–e
Formation: Cretaceous, Rotten limestone
Location: Mississippi
— **speciosum** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 61, pl. XIX, figs. 3a–b
Formation: Cretaceous, Rancocas
Location: Timber Creek, New Jersey
— **speciosum** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 52, pl. XVIII, figs. 1a–h
Formation: Cretaceous

Location: New Jersey
Coral sp. Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 38, pl. XXVI, figs. 2, 3
Formation: Cretaceous
Location: Texas
Coralliochama Boehmi n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 54, Lám. VI, figs. 4, 5; Lám. XI, fig. 5; Lám. X, fig. 1; Lám. XI, fig. 2; Lám| XII, fig. 1; Lám. XIII, figs. 1, 9! Lám. XIV, figs. 5, 6
Formation: Cretaceous, Lower Senonian
Location: Mexico
Corbicula annosa (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 563, pl. LXII, figs. 1–3
Formation: Cretaceous, Raritan clay
Location: New Jersey
— **arkansaensis** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous
Location: Texas; Arkansas
— **berthoudi** (White) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 29, pl. V, figs. 1a–3
Formation: Cretaceous, Cannonball
Location: Leith, Price and Mandan, N. Dakota
— **cytheriformis** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 29, pl. V, figs. 4a, b
Formation: Cretaceous, Cannonball
Location: Schaller and Mandan, N. Dakota
— **cytheriformis** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **cytheriformis** (Meek and Hayden) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 316, pl. LXXXII, fig. 4
Formation: Upper Cretaceous
Location: San Juan Basin. New Mexico
— **durkeei** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 36, pl. IV, figs. 1–4
Formation: Cretaceous, Bear River formation
Location: Wyoming
— ? **emacerata** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 564, pl. LXII, figs. 4, 5
Formation: Cretaceous, Raritan clay
Location: New Jersey
— **occidentalis** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
Corbis (Mutiella) Roblesi, Böse n. sp.
Inst. Geol. de México, 1910, Bol. 25, p. 127, Lám. 27, figs. 1–3
Formation: Cretaceous, Vraconian
Location: Chihuahua
Corbula (Brugière) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 710, no pl.
— **basiniformis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 130, pl. IX, figs. 7–24;

pl. X, figs. 7–9
Formation: Cretaceous, Weno and Pawpaw
Location: Denison, Texas

— **bisculata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 638, pl. LXXII, figs. 15–22
Formation: Cretaceous, Cliffwood clay, Merchantville clay-marl, Woodbury clay
Location: New Jersey; North Carolina; Mississippi; Arkansas

— **bisulcata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 711, no pl.
Formation: Cretaceous, Matawan, Magothy, Black Creek
Location: Maryland; New Jersey; North and South Carolina

— **blakei** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XVI, fig. 15
Formation: Triassic
Location: West Humboldt range, Nevada

— **chacoensis** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 316, pl. LXXXII, figs. 5, 6
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico

— **cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 643, pl. LXXII, figs. 29, 30
Formation: Cretaceous, Cliffwood clay
Location: New Jersey

— **crassicosta** n. sp. Cragin
Colorado Coll. Studies, 5th Ann. Pub., 1894, p. 61, no pl.
Formation: Cretaceous, Denison beds and Kiowa shales
Location: Texas; Kansas

— **crassiplica** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 713, pl. XLIII, figs. 6, 7
Formation: Cretaceous. Monmouth, Matawan, Black Creek, Eutaw, Ripley
Location: Maryland; New Jersey; North and South Carolina; Mississippi; Georgia; Alabama

— **crassiplica** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 641, pl. LXXII, figs. 27, 28
Formation: Cretaceous, Merchantville clay-marl, Navesink marl, Woodbury clay, Wenonah sand, Red Bank sand
Location: New Jersey

— **engelmanni** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 40, pl. IV, figs. 10, 11
Formation: Cretaceous, Bear River formation
Location: Wyoming

— **filosa** Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 62, pl. XI, figs. 1, 2
Formation: Cretaceous, Knoxville beds
Location: Cailfornia

— **foulkei** (Lea) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 640, pl. LXXII, figs. 23–26
Formation: Cretaceous, Woodbury clay
Location: New Jersey

— **hicksii** n. sp. White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 134, pl. VIII, figs. 6–8
Formation: Cretaceous, Dakota formation
Location: Jefferson county, Nebraska

— **jerseyensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 644, pl. LXXII, figs. 37, 38
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
— **Kanabensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1896, p. 125, pl. XXVII, figs. 5, 6
Formation: Cretaceous
Location: Upper Kanab Valley, Utah
— **littoralis** n. sp. Adkins
Univ. of Texas. Bull. No. 1856, 1918, p. 133, pl. X, fig. 5
Formation: Cretaceous, Weno
Location: Gainesville, Texas
— **lorillardensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 637, pl. LXXII, figs. 9–14
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **mactriformis** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 32, pl. VI, figs. 1–2b
Formation: Cretaceous, Cannonball
Location: Fort Clark and Schaller, North Dakota
— ? **maloniana** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 87, pl. XIX, fig. 7
Formation: Jurassic
— **manleyi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 636, pl. LXXII, figs. 1–8
Formation: Cretaceous, Raritan clay
Location: New Jersey
— **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 715, pl. XLIV, figs. 4–8
Formation: Cretaceous, Monmouth
Location: Maryland
— **nematophora** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 124, pl. XXVII, figs. 3, 4
Formation: Cretaceous
Location: Utah
— **nematophora** var. **fitchi** Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 198, pl. I, fig. 3
Formation: Cretaceous, Pierre
Location: New Mexico
— **nematophora** var. **fitchi**, n. var. Johnson
Columbia Univ. Cont. Geol. Dept., vol. X, No. 90
Formation: Cretaceous
Location: Achavica Arroyo, New Mexico
— **percompressa** n. sp. Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 717, pl. XLIV, figs. 1-3
Formation: Cretaceous, Monmouth
Location: Maryland
— (?) **persulcata** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 61, pl. XI, fig. 3
Formation: Cretaceous
Location: Paskenta, California
— **perundata** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 113, 1905, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **pyriformis** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 38, pl. IV, figs. 5-9
Formation: Cretaceous, Bear River formation
Location: Wyoming

— sp. Logan
Kans. Univ. Quart., vol. 8, 1899, p. 92, pl. XX, fig. 5
Formation: Cretaceous, Dakota
Location: Kansas

— **subradiata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 718, pl. XLIV, figs. 9-15
Formation: Cretaceous, Monmouth
Location: Maryland

— **subtrigonalis** (Meek and Hayden) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 635, no pl.
Formation: Cretaceous, Colorado formation
Location: Yellowstone National Park, Wyoming

— **subtrigonalis** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **subtrigonalis** (Meek and Hayden) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 123, pl. XXVII, figs. 7, 8
Formation: Cretaceous, Colorado formation
Location: Bear River City, Wyoming

— **swedenboroensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 644, pl. LXXII, figs. 33-36
Formation: Cretaceous, Cliffwood clay, Merchnntville clay-marl, Marshalltown clay-marl
Location: New Jersey

— **terramaria** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 716, pl. XLIII, figs. 8-10
Formation: Cretaceous, Monmouth
Location: Maryland

— **triangulata** n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 49, pl. II, fig. 42
Formation: Cretaceous
Location: California

— **wenoensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 127, pl. X, figs. 1-4
Formation: Cretaceous, Weno or Pawpaw
Location: Denison and Gainesville, Texas

Corbulomya tauschii n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 40, pl. IV, figs. 12, 13
Formation: Cretaceous, Bear River formation
Location: Wyoming

Cordiera gracillima n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 41, pl. II, fig. 22
Formation: Cretaceous
Location: California

Cordillerites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 109, no pl.
Formation: Triassic

— **angulatus** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. XII, figs. 1-8
Formation: Lower triassic

Location: Idaho
— **angulatus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof Paper 40, 1905, p. 110, pl. II, figs. 1-8; pl. LXVIII, figs. 1-10; pl. LXXI, figs. 1-6; pl. LXXXV, figs. 14-20
Formation: Triassic
Location: Idaho
— **Corimya tenuis** (Whitfield) Weller
Geol. Sur. N. J. Pal., p. 524, pl. LVII, figs. 16–18
Formation: Cretaceous, Marshalltown clay marl, Navesink marl
Location: New Jersey
Corniceras claytoni Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, pl. 418, no pl.
Formation: Jurassic
Location: Nevada
Cosmoceras boreale n. sp. Ravn
Meddelelser om Grönland vol. 45, 1911, p. 489, pl. XXXVI, figs. 5, 6
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island
— **boreale** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 489, pl. XXXVI, fig. 5, 6
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island
Cosmonautilus n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 207, no pl.
Formation: Triassic
Location: California
— **dilleri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40 1905, p. 207, pl. LI, fig. 1; pl. LII, fig. 1; pl. LIII, figs. 1, 2; pl. LIV, figs. 1–4; pl. LV, figs. 1–11
Formation: Triassic
Location: Shasta county, California
Costatae (Agassiz)
Type species: **Trigonia costata** Lam. Packard
University of Oregon Pub., vol. 1, No. 9, 1921, p. 33, pl. I, fig. 3
Formation: Jurassic
Cottaldia rotula (Clark) Whitney
Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 9, pl. IV, figs. 1–10 pl. V, figs. 1–2
Formation: Cretaceous, Buda
Location: Austin and Manchaca, Texas
— **rotula** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 57, pl. XX, figs. 1a–d
Formation: Cretaceous, Buda limestone
Location: Travis county, Texas
Craspedites mazapilensis n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 100, Lám. XVII, fig. 1–4
Formation: Jurassic, Kimeridgien
Location: Mazapil, Mexico
— **praecursor** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 98, Lám. XVII, fig. 1–3
Formation: Jurassic, Kimeridgien
Location: Mazapil, Mexico

Crassatella conradiana (Gabb) sp. Whiteaves
Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 384, no pl.
Formation: Cretaceous
Location: Sucia Islands; Texado Islands

— **conradiana** var. **Tuscana** Whiteaves
Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 384, no pl.
Formation: Cretaceous
Location: Vancouver Island

— **excavata** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 96, pl. XXI, figs. 10–13
Formation: Cretaceous, Fort Benton shales
Location: Huerfano Park, Colorado

— **excavata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVIII, figs. 10–13 (no description)
Formation: Cretaceous
Location: New Mexico

— **lomana** n. sp. Cooper
Cal. State Mining Bur. Bull. No. 4, 1894, p. 48, pl. III, fig. 47
Formation: Cretaceous
Location: Pt. Loma, California

— **vadosa** Harris and Veatch
Geol. Sur. La Rept. 1899, p. 295, pl. 50, fig. 5
Formation: Cretaceous
Location: Bienville Parish, Louisiana

Crassatellina (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 645, no pl.
Formation: Cretaceous
Location: Maryland

— **carolinensis** (Conrad) (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 646, no pl.
Formation: Cretaceous
Location: Delaware; Alabama; Georgia; Mississippi; New Jersey; North and South Carolina

Crassatellites (Krüger) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 648, no pl.
Formation: Cretaceous
Location: Maryland

— **cuneatus** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 556, pl. LXI, figs. 11–12
Formation: Cretaceous, Merchantville clay-marl and Wenonah sand
Location: New Jersey

— **evansi** (Hall and Meek) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 28, pl. III, figs. 7a–9
Formation: Cretaceous, Cannonball
Location: Kayser, Flasher, and Pretty Rock, N. Dakota

— **lintens** (Conrad) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 653, pl. XXXIX, figs. 6, 7
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey

— **littoralis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 559, pl. LXI, figs. 9, 10
Formation: Cretaceous, Manasquan marl

Location: New Jersey
— **prorus** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 558, pl. LXI, figs. 6, 7
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
Corbula nematophora (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 124, pl. XXVII, figs. 3, 4
Formation: Cretaceous
Location: Utah
— **nematophora** var. **fitchi** Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 198, pl. I, fig. 3
Formation: Cretaceous, Pierre age
Location: New Mexico
— **nematophora** var. **fitchi** n. var. Johnson
Columbia Univ. Cont. Geol. Dept., vol. X, No. 90, 1903, p. 126, pl. I, fig. 3
Formation: Cretaceous
Location: Achavica Arroyo, New Mexico
— **pteropsis** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 655, pl. XXXIX, fig. 5
Formation: Cretaceous, Matawan, Monmouth
Location: Ulmstead Point, Anne Arundel county; Brightseat, Seat Pleasant, Maryland
— **rhombea** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 561, pl. LXI, fig. 8
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **subplanus** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 553, pl. LXI, figs. 1–4
Formation: Cretaceous, Marshalltown clay-marl, Wenonah sand, Navesink marl, Tinton beds
Location: New Jersey
— **subplanus** (Conrad) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., p. 651, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland, New Jersey
— **transversus** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 555, fig. 5, pl. LXI
Formation: Cretaceous, Wenonah sand
Location: New Jersey
— **vadosus** (Morton) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 649, pl. XXXIX, figs. 1–4
Formation: Cretaceous, Monmouth, Ripley, Selma
Location: Maryland; New Jersey; Mississippi; Alabama
Crenella (Brown) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 623, no pl.
Formation: Cretaceous
— **cedrensis** Stanton n. sp.
U. S. Geol. Sur. Prof. Paper 128–A, 1920, p. 25, pl. II, figs. 9a–9c
Formation: Cretaceous, Cannonball
Location: Cedar Creek, N. Dakota
— **elegantula** (M. & H.) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 625, pl. XXXVI, fig. 19
Formation: Cretaceous, Monmouth
Location: Brightseat, Maryland

— **elegantula** (Meek and Hayden) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 511, pl. LVI, fig. 6
Formation: Cretaceous, Tinton beds
Location: New Jersey; Mississippi; Wyoming; Montana; Colorado
— **elongata** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 25, pl. II, figs. 8a, b
Formation: Cretaceous, Cannonball
Location: Mandan, N. Dakota
— **parvula** (Whiteaves) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **santana** n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 50, pl. II, fig. 40
Formation: Cretaceous
Location: Santa Ana Mountains, California
— **serica** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 624, pl. XXXVI, figs. 16–18
Fomation: Cretaceous, Monmouth, Matawan, Peedee, Ripley, Selma
Location: Maryland; New Jersey; North and South Carolina; Georgia; Alabama; Mississippi
— **serica** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 510, pl. LVI, figs. 7, 8
Formation: Cretaceous, Marshalltown clay-marl, Red Bank sand
Location: New Jersey; Alabama; Mississippi; Texas
Creonella n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 302
— **triplicata** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 303, pl. XIX, fig. 8
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Cribrilina immersa (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 341, no pl.
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **sagena** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 340, pl. XXIV, figs. 11, 12
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **sagena** (Morton) (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 742, pl. XLVI, figs. 1, 2
Formation: Cretaceous, Rancocas
Location: Delaware
Crioceras annulatus (Shumard) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 234, no pl.
Formation: Cretaceous, Eagle Ford
Location: Dallas county, Texas
Crioceras sp. ind. (varias formas) Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 98, Lám. XXIII, figs. 3–7
Formation: Cretaceous
Location: Huastlanapa, Mexico
— **latus** (Gabb) Stanton

U. S. Geol. Sur. Bull. 133, p. 83, no pl., 1895
Formation: Cretaceous, Knoxville beds
Location: California

Crisina striatopora (Ulrich and Bassler) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 738, pl. XLVI, fig. 15
Formation: Cretaceous, Rancocas
Location: Delaware

— **striatopora** (Ulrich) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 319, pl. XXI, figs. 15–18
Formtion: Cretaceous, Vincentown limesand
Location: New Jersey

Cristellaria acutauricularis (Fichtel and Moll) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 54, no pl.
Formation: Rancocas
Location: Timber Creek and Vincentown, New Jersey

— **acutauricularis** (Fichtel and Moll) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 236, pl. II, figs. 35, 36
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **acutauricularis** (Fichtel and Moll sp.) Woodward
New York Microscopical Journ., vol. X, No. 4, 1894, p. 118
Formation: Cretaceous
Location: Timber Creek,New Jersey

— **articulata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 237, pl. II, figs. 37, 38
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **articulata** (Reuss) Woodward
New York Microscopical Soc. Journ., vol. X, 1894, p. 119
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, N. J..

— **articulata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 54, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey

— **cassis** (Fichtel and Moll) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 54, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey

— **cassis** (Fichtel and Moll) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 237, pl. II, figs. 39–40
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **crepidula** (Fichtel and Moll) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 238, pl. II, figs. 41, 42
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **crepidula** (Fichtel and Moll) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 55
Formation: Rancocas
Location: Vincentown, Mullica Hill, New Jersey

— **crepidula** (Fichtel and Moll) Woodward
New York Microscopical Soc. Journ., vol. X, 1894, p. 119
Formation: Cretaceous

Location: Mullica Hill, New Jersey
— **cretacea** Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 55, pl. V, figs. 2a–b
Formation: Cretaceous, Rancocas
Location: New Jersey
— **cretacea** Bagg, Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 239, pl. III, figs. 1–2
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **cultrata** (Montford) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 120
Formation: Cretaceous
Location: Mullica Hill, Crosswick's Creek, New Egypt, Timber Creek, and Marlborough, New Jersey
— **cultrata** (Montf.) Bagg
Johns Hopkins Univ. Cir., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Navesink
Location: Freehold, Mullica Hill, N. J.
— **cultrata** (Montf.) Bagg
U. S. Geol. Sur. Bull. 88, p. 55, 1898, pl. VI, fig. 1
Formation: Cretaceous to Recent, Monmouth, Rancocas
Location: New Jersey
— **cultrata** (Montfort) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 239, pl. III, fig. 3
Formation: Cretaceous, Navesink Marl
Location: New Jersey
— **gibba** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 56, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey
— **gibba** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 240, pl. III, figs. 4, 5
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **gibba** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 121
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
— **italica** (Defrance) Bagg
U. S. Geol. Sur. Bull. 88, p. 56, pl. IV, figs. 5a–b
Formation: Rancocas
Location: Swedesboro, Blue Ball, Mullica Hill, New Jersey
— **italica** (Defrance) Woodward
New York Microscopical Soc. Journ., vol. X, 1894, p. 122
Formation: Cretaceous
Location: Mullica Hill, New Jersey
— **italica** (Defrance) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 241, pl. III, figs. 6, 7
Formation: Cretaceous, Hornerstown marl
Location: New Jersey
— **mamilligera** (Karrer) Bagg
U. S. Geol. Sur. Bull. 88, p. 56, 1898, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey

— **mamilligera** (Karrer.) Bagg
Johns Hop. Univ. Cir., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Rancocas
Location: Blue Ball, N. J.

— **mamilligera** (Karrer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 242, pl. III, fig. 8
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

— **megapolitana** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 57, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey

— **megapolitana** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 242, figs. 9, 10
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **projecta** Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 57, pl. V, figs. 1a–b
Formation: Cretaceous, Rancocas
Location: New Jersey

— **projecta** n. sp. Bagg
Johns Hop. Univ. Cir., vol. 15, No. 121, 1895, p. II
Formation: Cretaceous
Location: Vincentown, N. J.

— **projecta** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 243, figs. 14, 15
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **rotulata** (Lamarck) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 57, no pl.
Formation: Ranocas, Manasquan
Location: New Jersey

— **rotulata** (Lamarck) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 243, pl. III, figs. 11, 12
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

— **rotulata** (Lamarck) Woodward
New York Microscopical Soc. Journ., vol. X, 1894, p. 123
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, N. J.

— **secans** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 244, no pl.
Formation: Cretaceous, Navesink Marl
Location: New Jersey

— **secans** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 58, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey

— **tracyomphala** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, p. 58, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey

— **trachyomphala** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 244, no pl.
Formation: Cretaceous, Hornerstown marl

Location: New Jersey
— **triangularis** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 58, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
— **triangularis** (d'Orbigny) Weller
Geol. Sur. N. J., vol. 4, 1907, p. 245, no pl.
Formation: Cretaceous, Navesink Marl
Location: New Jersey
— sp. Calvin
Iowa Geol. Sur. vol. III, 2nd Ann. Rept., 1895, p. 229, pl. XIX, fig. 9
Formation: Cretaceous
Location: St. Helena, Nebraska
— sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 18
Formation: Cretaceous, Cannonball
Location: Near Almont, N. Dakota
— **wetherellii** (Jones) Woodward
New York Microscopical Soc. Journ., vol. X, 1894, p. 124
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
— **wetherellii** (Jones) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 59, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **wetherellii** (Jones) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 245, pl. III, fig. 13
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Cryptorhytis obliquicostata (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 759, pl. LXXXIX, fig. 8
Formation: Cretaceous, Woodbury clay
Location: New Jersey; North Carolina
Cryptorhytis — see **Fasciolaria**
Ctenostreon — see **Lima**
Cuccoceras (Diener) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 70, no pl.
Formation: Triassic
— **bonae-vistae** (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 71, pl. X, figs. 1–6
Formation: Triassic
Location: West Humboldt Range, Nevada
Cucullaea (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 529, no pl.
Formation: Cretaceous
Location: Maryland
— **antrosa** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 391, pl. XXXII, figs. 7–9
Formation: Cretaceous, Merchantville clay-marl
Location: Texas; New Jersey; Arkansas
— **antrosa** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 534, no pl.
Formation: Cretaceous, Monmouth, Matawan, Black Creek, Peedee, Ripley, Selma

Location: Maryland; New Jersey; North and South Carolina; Mississippi; Alabama

— **bowersiana** n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 48, pl. V, figs. 61, 62
Formation: Cretaceous
Location: California

— **carolinensis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 532, no pl.
Formation: Cretaceous, Matawan, Monmouth, Black Creek, Eutaw
Location: Maryland; North and South Carolina; Georgia; Mississippi; Alabama

— **castilloi** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 54, pl. VI, figs. 11, 12
Formation: Jurassic
Location: Malone, Texas

— **(Trigonarca) catorcensis** n. sp. Aguilera
Com. Geol. de México, 1895,, Bol. 1, p. 5, Lám. IV, figs. 1, 4, 5
Formation: Jurassic
Location: Sierra de Catorce, Mexico

— **catorcensis** (Castillo and Augilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 53, no pl.
Formation: Jurassic
Location: Sierra de Catorce

— **comanchensis** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 25, pl. III, figs. 1, 2
Formation: Cretaceous, Glen Rose
Location: Texas

— **compressirostra** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 399, pl. XXXII, figs. 3, 4
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

— **gratiota** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 25. (For fig. see Ark. Geol. Sur. Rept., 1888, vol. 2, pl. XIV, figs. 2, 2a)
Formation: Cretaceous, Glen Rose
Location: Texas; Arkansas

— **gratioti** (Hill) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 173, no pl.
Formation: Cretaceous, Glen Rose
Location: Wise county, Texas

— **gracilis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 173, no pl.
Formation: Cretaceous, Glen Rose
Location: Texas

— **haguei** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 618, pl. LXXIII, fig. 1
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **litteli** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 400, pl. XXXIII, figs. 1–2
Formation: Cretaceous, Tinton beds
Location: New Jersey; Georgia

— **mathewsoni** (Gabb) Stanton

U. S. Geol. Sur. 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California

— **nebrascensis** (Owen ?) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128–A, 1920, p. 22
Formation: Cretaceous, Cannonball
Location: Pretty Rock, N. Dakota

— **neglecta** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 396, pl. XXXI, figs: 1–4
Formation: Cretaceous, Merchantville marl, Navesink marl
Location: New Jersey; Alabama

— **ponderosa** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 294, pl. XXXVIII, fig. 1, 1a
Formation: Cretaceous
Location: Charlotte Islands

— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 23, no pl.
Formation: Cretaceous
Location: Austin, Texas

— **shumardi** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 22, pl. II, figs. 1a, b
Formation: Cretaceous, Cannonball
Location: Pretty Rock, N. Dakota

— **solenensis** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, p. 22, pl. II, figs. 2a, 2b and 3
Formation: Cretaceous, Cannonball
Location: Solen, N. Dakota

— **(Idonearca) terminalis** n. var. **recedens** Cragin
Amer. Geol., vol. 14, 1894, p. 3, pl. I, fig. 19
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

— **terminalis** (Con.) Gragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 174, no pl.
Formation: Cretaceous, Glen Rose
Location: Texas

— **terminalis** (Con) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 26, no pl.
Formation: Cretaceous, Glen Rose beds
Location: Texas

— ? **texticostata** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, p. 52, pl. VI, figs. 9, 10
Formation: Jurassic
Location: Malone, Texas

— **tippana** (Con) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 174, no pl.
Formation: Cretaceous, Navarro beds
Location: Texas

— **tippana** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 394, pl. XXXI, figs. 5–10; pl. XXXII, figs. 1, 2
Formation: Cretaceous, Merchantville, clay-marl, Navesink marl
Location: New Jersey; Alabama

— **transpecosensis** Cragin

U. S. Geol. Sur. Bull. 266,, 1903, p. 52, no pl.
Formation: Jurassic
Location: Malone, Texas
— **transpecosensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 175, no pl.
Formation: Creaceous
Location: Malone and El Paso county, Texas
— **truncata** ? (Gabb) var. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 393, no pl.
Formation: Cretaceous
Location: Vancouver Island
— **vulgaris** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 397, pl. XXXII, figs. 5, 6
Formation: Cretaceous, Hornerstown marl
Location: New Jersey
— **vulgaris** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 529, pl. XX, figs. 8, 9; pl. XXI, figs. 1, 2
Formation: Cretaceous, Matawan, Monmouth, Ripley, Selma
Location: Maryland; Delaware; New Jersey; Alabama; Tennessee; Mississippi
— **woodburyensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 393, pl. XXXIV, fig. 1
Formation: Cretaceous, Woodbury clay
Location: New Jersey
Cuspidaria (Nardo) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 639, no pl.
Formation: Cretaceous
— **ampulla** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 640, pl. XXXVII, figs. 6, 7
Formation: Cretaceous, Monmouth
Location: Maryland
— **cucurbita** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 641, pl. XXXVII, figs. 4, 5
Formation: Cretaceous, Matawan
Location: Maryland
— **jerseyensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 534, pl. LVIII, figs. 14, 15
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
— **suciensis** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1,. 1903, pt. 5, p. 376, pl. XLVI, fig. 2
Formation: Cretaceous
Location: Queen Charlotte Islands
— **ventricosa** (Meek and Hayden) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 533, pl. LVIII, figs. 16, 17
Formation: Cretaceous, Wenonah sand, Red Bank sand, Tinton beds, New Jersey
Location: New Jersey; South Dakota
Cyclina (Deshayes) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 677, no pl.
Formation: Cretaceous
Location: Maryland

— **parva** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 678, pl. XLI, figs. 5, 6
Formation: Cretaceous, Monmouth
Location: Maryland
Cylichna (Lovén) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 411, no pl.
Formation: Cretaceous
— **costata** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California
— **costata** (Gabb) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 353, no pl.
Formation: Cretaceous
Location: Vancouver Island
— **recta** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 814, pl. XCIX, figs. 17, 18
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey
— **recta** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 411, pl. XVIII, figs. 10, 11
Formation: Cretaceous, Monmouth, Matawan
Location: New Jersey; Maryland
— **recta** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 164, pl. XX, figs. 10, 11
Formation: Cretceous, Lower Green Marls
Location: New Jersey
— **recta** Whitfield
U.S. Geol. Sur. Mon. 18, 1892, p. 164, pl. XX, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: Burlington county, New Jersey
— **scitula** (Meek and Hayden?) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 48, pl. IX, fig. 10
Formation: Cretaceous, Cannonball
Location: Heart River, Mandan, N. Dakota; Lemmon, S. Dakota
Cylichnella dakotensis Stanton sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 48, pl. IX, figs. 11a, 11b
Formation: Cretaceous, Cannonball
Location: Heart River near Almont and Flasher, N. Dakota
Cylindrites formosus n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 223, pl. XLII, fig. 4
Formation: Cretaceous, top of Exogyra texana bed
Location: Texas
— (?) sp. indt. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 33, no pl.
Formation: Cretaceous
Location: Texas
— **whitei** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 23, pl. X, fig. 8
Formation: Cretaceous, Buda
Location: Austin, Texas
— **whitei** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 23, pl. X, fig. 8

Formation: Cretaceous, Buda limestone
Location: Austin, Texas
Cymbophora — see **Mactra**
Cymbophora — see **Spisula**
— (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 707, no pl.
Formation: Cretaceous
— **ashburneri** (Gabb) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 373, no pl.
Formation: Cretaceous
Location: Blunden Point, Vancouver Island; Sucia Island
— **lintea** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 632, pl. LXXI, figs. 9–13
Formation: Cretaceous
Location: New Jersey; Georgia; Alabama; Mississippi; Texas
— **tellinoides** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 633, pl. LXXXI, fig. 22
Formation: Cretaceous, Wenonah sand
Location: New Jersey
Cymella — see **Liopistha**
— **bella** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 530, pl. LVIII, figs. 10–12
Formation: Cretaceous, Cliffwood clay, Merchantville, clay-marl, Wenonah sand
Location: New Jersey; North Carolina; Texas; Arkansas; South Dakota
— **undata** (Meek and Hayden) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 531, pl. LVIII, fig. 13
Formation: Cretaceous, Wenonah sand
Location: New Jersey; South Dakota
Cf. Cymopolia — Boehm
Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 326
Formation: Cretaceous
Location: Cerro Escamelo, Orizaba, Mexico
Cyphosoma hilli (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 59, pl. XIX, figs. 2a–g
Formation: Cretaceous, Austin Chalk
Location: Austin, Texas
— **texanum** (Roemer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 60, pl. XXI, figs. 1a–g
Formation: Cretaceous, Commanche Peak Limestone
Location: Texas
— **volanum** ? (Cragin) Whitney
Bull. Amer. Pal. Vol. 5, 1916, p. 11, pl. VI, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
— **volanum** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 147, no pl.
Formation: Cretaceous
Location: Texas
— **volanum** (Cragin) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 61, pl. XXI, figs. 2a–b, 3
Formation: Cretaceous, Washita
Location: Texas

Cypraea mortoni (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 722, pl. LXXXIV, figs. 1, 2
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
— **(Aricia) mortoni** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 120, pl. XV, figs. 1–3
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Aricia) mortoni** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 120, pl. XV, figs. 1–3
Formation: Cretaceous, Lower Green Marls
Location: Burlington county, New Jersey
— **suciensis** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 357, no pl.
Formation: Cretaceous
Location Sucia Island
— **suciensis** nom. prov. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 127, pl. 3, fig. 5
Formation: Cretaceous
Location: Sucia Islands
— **sp.** Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 33, pl. XXII
Formation: Cretaceous
Location: Austin, Texas
Cypricardia ? haguei n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 623, pl. LXXIII, figs. 11–13
Formation: Jurassic, Ellis
Location: Yellowstone National Park
Cypridea texana n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 39, pl. I, figs. 3a, 3b
Formation: Cretaceous, Glen Rose
Location: Texas
— **tuberculata var. Wyomingensis** n. var. Jones
Geol. Mag. dec. III, vol. 10, 1893, p. 386, pl. XV, figs. 5a, b; 6a, b
Formation: Cretaceous, Bear River
Location: Cokeville, Wyoming
Cyprimeria (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 686, no pl.
Formation: Cretaceous
Location: Maryland
— **crassa** (Meek) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 176, no pl.
Formation: Cretaceous, Fredericksburg division
Location: Bosque, Lampasas, Mills and other counties, Texas
— **cretacea** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 604, pl. LVII, figs. 7, 8
Formation: Cretaceous, Cliffwood clay, Woodbury clay, Wenonah sand
Location: New Jersey
— **densata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 601, pl. LXVIII, fig. 14; pl. LXIX, figs. 1–2

Formation: Cretaceous, Merchantville clay-marl, Navesink marl
Location: New Jersey

— **depressa** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 687, pl. XL, figs. 8–10
Formation: Cretaceous, Monmouth, Black Creek, Eutaw, Ripley
Location: Maryland; North and South Carolina; Alabama; Georgia; Mississippi

— (?) **excavata** (Mort.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 176, no pl.
Formation: Cretaceous
Location: Texas

— **excavata** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 602, pl. LXVII, figs. 1–6
Formation: Cretaceous, Marshalltown clay marl, Navesink marl
Location: Alabama; Mississippi; Texas; Arkansas

— **gigantea** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 176, no pl.
Formation: Cretaceous
Location: Texas

— **lens** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 379, no pl.
Formation: Cretaceous
Location: Sucia Island

— **lens** (Whiteaves) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 125
Formation: Cretaceous
Location: Northwest side of Hornby Island, Vancouver

— **major** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 689, pl. XL, figs. 11, 12; pl. XLI, figs. 1–4; pl. XLII, fig. 1; pl. XLIII, fig. 1
Formation: Cretaceous, Monmouth
Location: Maryland

— (?) **Mexicana** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 9, Lám. V, fig. 3
Formation: Jurassic
Location: Sièrra de Catorce, San Luis Potosi, Mexico

— (?) **sulcata** n. sp. Johnson
School of Mines Quart., 1903, p. 196, pl. VI, fig. 25 a–d
Formation: Cretaceous, Fort Pierre
Location: Achavica Arroyo, New Mexico

— (?) **sulcata** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 124, pl. VI, fig. 25 a–d
Formation: Cretaceous, Ft. Pierre
Location: Achavica Arroyo, New Mexico

— **texana** (Roemer) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 76, pl. XVIII, fig. 6
Formation: Cretaceous, Goodland
Location: North Texas

— **texana** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 177, no pl.
Formation: Cretaceous, between upper and lower Exogyra Texana beds
Location: Texas

— **washitaensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 134, pl. IX, figs. 1–6
Formation: Cretaceous, Weno
Location: Denison, Texas
Cyprina (?) anthracicola n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 382, no pl., fig. 26
Formation: Cretaceous
Location: Vancouver Island
— **cf. cancriniana** d'Orbigny Lundgren
Meddelelser om Grönland vol. 19, 1895, p. 207, pl. IV, fig. 27
Formation: Jurassic
Location: Kap Stewart, East Greenland
— **(?) cinnabarensis** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 621, pl. LXXIII, figs. 7, 8
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **(?) coteroi** (Castillo and Auguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 77, pl. XIII, figs. 11, 12
Formation: Jurassic
Location: Malone, Texas
— **coteroi** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 8, Lám. V, figs. 4–10
Formation: Jurassic
Location: Sièrra de Catorce, Mexico
— **Denmanensis** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 380, no pl., text fig. 25
Formation: Cretaceous
Location: Vancouver Island
— **(?) iddingsi** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 622, pl. LXXIII, fig. 9
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **cf. inconspicua** (Lindstrom) Ravn
Meddelelser om Grönland vol. 45, 1911, p. 479
Formation: Jurassic
Location: "Kloft 1", "4 Sænkning", Store Koldewey Island, Greenland
— **cfr: inconspicua** (Lindstrom) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 479
Formation: Jurassic
Location: "Kloft 1", "4 Sænkning", Store Koldewey Island, Greenland
— **Kharoschovensis** (Rouillier) Ravn
Meddelelser om Grönland vol. 45, 1911, p. 478, pl. XXXV, fig. 4
Formation: Jurassic
Location: "Kloft 1", "4 Sænkning", Store Koldewey Island, Greenland
— **Kharoschovensis** (Rouillier) Ravn
Copenhagen Univ. and Min. Geol. Mus. Comm. Paleont. No. 10, 1911, p. 478, pl. XXXV, fig. 4
Formation: Jurassic
Location: "Kloft 1", "4 Sænkning", Store Koldewey Island,

Greenland
—**pierdenale** var. **commune** Hyatt
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 178, no pl.
Formation: Cretaceous, Alternating beds
Location: Gillespie county, Texas
— **mosquensis** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 478, pl. XXXV, fig. 2
Formation: Jurassic
Location: "Kloft I", Store Koldewey Island, Greenland
— **cfr. mosquensis** (d'Orbigny) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 478, pl. XXXV, fig. 2
Formation: Jurassic
Location: "Kloft I", Store Koldewey Island, Greenland
— **occidentalis** (Whiteaves) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 60, pl. XII, fig. 2
Formation: Cretaceous, Knoxville beds
Location: Queen Charlotte Island; Cottonwood creek, California
— **occidentalis** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1900, p. 290, no pl.
Formation: Cretaceous, Lower Shales
Location: Lina Island, Skidegate Inlet
— **Panderi** (Rouillier sp.) Ravn
Meddelelser om Grönland vol. 45, 1911, p. 480
Formation: Jurassic
Location: "Kloft I", Store Koldewey Island, Greenland
— **Panderi** Rouillier sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 480
Formation: Jurassic
Location: "Kloft I", Store Koldewey Island, Greenland
— **roemeri** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept. 1893, p. 179, pl. XXXVIII, figs. 1, 2
Formation: Cretaceous, Alternating beds
Location: Texas
— **(?Roudairia) streeruvitzii** n. sp. Gragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 180, pl. XXVI; figs. 3–5; pl. XL; fig. 2
Formation: Jurassic (?)
Location: El Paso county, Texas; 1 mile NE of Malone
— **streeruvitzii** (Cragin) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 78, pl. XIV, figs. 1, 2; pl. XV, fig. 1
Formation: Jurassic
Location: Malone, Texas
— **Syssollae** (Keyserling) Ravn
Meddelelser om Grönland vol. 45, 1911, p. 479, pl. XXXV, fig. 6
Formation: Jurassic
Location: "Kloft I," Store Koldewey Island, Greenland, Hochstetter's Foreland, Greenland
— **Syssollae** (Keyserling) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 479, pl. XXXV, fig. 6

Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Hochstetter's Foreland, Greenland
— **texana** (Con) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 180, no pl.
Formation: Cretaceous, Alternating beds
Location: Texas
Cypris Dawsoni n. sp. Jones
Geol. Mag., dec. IV, vol. 2, 1895, p. 24, pl. II, figs. 4a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: South Branch Milk River, ? Alberta, Canada
— **Purbeckensis** (E. Forbes) Jones
Geol. Mag. dec. III, vol. 10, 1893, p. 366, pl. XV, figs. 15a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
Cyrena aequilateralis (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 102, pl. XXII, figs. 14, 15
Formation: Cretaceous
Location: Bear River City, Wyoming
— **inflexa** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 103, pl. XXII, fig. 13
Formation: Cretaceous
Location: Montana
— **marylandica** n. sp. Clark
Maryland Geol. Sur., L. Cret., 1911, p. 213, pl. XXI, figs. 8, 9
Formation: Cretaceous, Arundel
Location: Maryland
— **securis** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, pl. XXXIX, figs. 1–3, (no description)
Formation: Cretaceous
Location: Albuquerque, New Mexico
— **(Veloritina) securis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 101, pl. XXIII, figs. 1–3
Formation: Cretaceous
Location: Bear River City, and near Hilliard station, Wyoming
— sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 2, art. 9, 1900, pl. XXXIX, fig. 4 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
Cyrnatoceras — see **Nautilus**
Cytherea arata (Gabb) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 125
Formation: Cretaceous
Location: Vancouver Island
— **Burkarti** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 132, Lám. XXVIII, figs. 7–12
Formation: Cretaceous, Vraconian
Location: Chihuahua
— **lamarensis** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 181, no pl.

Formation: Cretaceous, Eagle Ford shale
Location: Grayson county, Texas
— **leveretti** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 182, no pl.
Formation: Cretaceous, Lower Cross Timber sandstone
Location: Texas
— **(Caryatis) subtrigona** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 290, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
— **taffi** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 182, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Texas
Cythere monticula n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 389, pl. XV, figs. 13a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
— sp. indt. Jones
Geol. Mag., dec. IV, vol. 2, 1895, p. 25, pl. II, figs. 6a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: North Branch Milk River, Canada
Cytherella crucifera n. sp. Jones
Geol. Mag. dec. IV, vol. 2, 1895, p. 26, pl. II, figs. 8a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: North Branch Milk River, Canada
— **submarginata** (Ulrich) Weller
Geol. Mag., dec. IV, vol. 4, 1907, p. 845, pl. CX, figs. 8, 9
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Cythereis bassleri (Ulrich) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 843, pl. CX, figs. 1–3
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Cytheridea tenuis n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 390, pl. XV, figs. 7a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
— **truncata** n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 390, pl. XV, figs. 4a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
Cytheridies aequalis n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 390, pl. XV, figs. 11a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
— **impressa** n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 391, pl. XV, figs. 12a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
Dakoticancer n. gen. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 385
Formation: Cretaceous
Location: South Dakota

— **overana** n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 386, pl. XXXII; XXXIII. figs. 6–14
Formation: Cretaceous, Pierre shale
Location: Indian Creek, South Dakota
Dakoticancridae, n. fam. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 385
Dakoticancroideae, n. super-fam. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 385
Dalmatites Kittl, Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 58, no pl.
Formation: Triassic
— **minutus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 59, pl. XXIX, figs. 15–21
Formation: Triassic
Location: West Humbolt range, Nevada
— **parvus** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 60, pl. XXX, figs. 1–12
Formation: Triassic
Location: West Humbolt range, Nevada
Danubites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 163, no pl.
Location: Idaho; Nevada; California
— **strongi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 165, pl. IX, figs. 4–10
Formation: Triassic
Location: Inyo county, California
Daonella (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 404, no pl.
Formation: Triassic
— **americana** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XLIX, figs. 4–8
Formation: Triassic
Location: West Humbolt range, Nevada
— **bochiformis** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 415, no pl.
Formation: Triassic
Location: Sailors Canyon, California
— **cardinoides** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 416, no pl.
Formation: Triassic
Location: Sailors Canyon, California
— **dubia** (Gabb) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 405, pl. XLIV, fig. 5
Formation: Triassic
Location: Nevada; California
— **dubia** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XIV, fig. 5; pl. XLIX, figs. 10–11; pl. I, figs. 1–3
Formation: Triassic
Location: West Humbolt and Desatoya ranges, Nevada
— **Frami** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 13, pl. I, figs. 5, 6

Formation: Triassic
Formation: Blauer Berg N. von Greeleyfjord, Greenland

— **lindströmi** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 144, pl. XLIX, figs. 1–3
Formation: Triassic
Location: West Humbolt range, Nevada

— **moussoni** (Merian) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 144, pl. I, figs. 4–11
Formation: Triassic
Location: West Humbolt range, Nevada

— **sanctae-anae** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83,, 1914, p. 145, pl. I, figs. 12–14
Formation: Triassic
Location: Santa Ana mountains, Orange county, California

— sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 416, no pl.
Formation: Triassic
Location: Sailors Canyon, California

— **? subjecta** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 415, no pl.
Formation: Triassic
Location: Sailors Canyon, California

Delphinula navesinkensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 669, pl. LXXV, figs. 18, 19
Formation: Cretaceous, Merchantville clay-marl, Navesink marl, Tinton beds
Location: New Jersey

— **stantoni** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 89, pl. XIX, figs. 12–14
Formation: Jurassic
Location: Malone, Texas

Dentalium (Linné) Gardner
Maryland Geol. Sur., U. Cret. 1916, p. 507, no pl.
Formation: Cretaceous
Location: Maryland

— **californicum** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 62, pl. XII, fig. 3
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California

— **stramineum and cooperi** (Gabb) Stanton
U. S. Geol. Sur. 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California

— **(Falcula) falcatum** Whitfield
Geol. Sur. N. J., Vol. 2, 1892, p. 169, pl. XX, figs. 12–18
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **(Falcula) falcatum**, Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 169, pl. XX, figs. 12–18
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey

— **nanaimoense** (Meek) Whiteaves
Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 372, no pl.
Formation: Cretaceous

Location: Vancouver Island

— **nodulosum** (Lundgren) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 481
Formation: Jurassic
Location: Vesterdalen at Danmarks, Havn

— **nodulosum** (Lundgren) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 481
Formation: Jurassic
Location: Vesterdalen at "Kloft I," "4 Saenkning," Store Koldewey Island, Greenland

— **pauperculum** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 34, pl. VI, figs. 6–7
Formation: Cretaceous, Cannonball
Location: Moreau River, S. Dakota; Mandan, N. Dakota

— **paperculum** (M & H) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 510, no pl.
Formation: Cretaceous, Monmouth, Pierre, Fox Hills
Location: Maryland

— **ripleyanum** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 167, pl. LXIX, fig. 48
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **ripleyanum** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 167, pl. LXIX, fig. 48
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **subarcuatum** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 166, pl. XX, figs. 19–24
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **subarcuatum**, Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 166, pl. XX, figs. 19–24
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **subarcuatum** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 661, pl. LXXV, figs. 1,2
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Alabama

Desmoceras affine n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., vol. 10, sec. 4, 1892, p. 113, pl. VIII, XI, figs. 1, 1a
Formation: Cretaceous
Location: District of Athabasca, Canada

— **affine** var. **glabrum** Whiteaves
Can. Roy. Soc. Proc. and Trans., vol. 10, sec. 4, 1892, p. 115, pl. IX
Formation: Cretaceous
Location: District of Athabasca, Canada

— **ashlandicum** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., 1902, vol. 2, No. 1, p. 100, pl. IX, figs. 107–109; pl. X, fig. 196
Formation: Cretaceous, Ashland Oregon, 49 Mine
Location: Southern Oregon

— **athabascense** n. sp. Whiteaves

Can. Roy. Soc. Proc. Trans., vol. 10, sec. 4, 1892, p. 116, pl. X
Formation: Cretaceous, La Biche Shales
Location: District of Athabasca, Canada

— **brazoense** (Shumard) Adkins and Winton
U. of Texas Bull. No. 1945, 1919, p. 35, pl. II, figs. 1, 2
Formation: Cretaceous, Duck Creek limestone
Location: North Texas

— **(Puzozia) breweri** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 284, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **californicum** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 76, pl. XV, figs. 6, 7
Formation: Cretaceous
Location: Paskenta, California

— **colusaense** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 96, pl. V, fig. 128; pl. X, fig. 200
Formation: Cretaceous, Horsetown horizon
Location: California

— **(Puzozia) dawsoni** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 286, pl. XXXVII, fig. 3
Formation: Cretaceous
Location: Queen Charlotte Islands

— **(Puzozia) dawsoni** (Whiteaves) Merriam
Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, nopl.
Formation: Cretaceous
Location: John Day Basin, Oregon

— **dilleri** n. sp. Anderson
Cal. Acad.Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 97, pl. IV, figs. 116–117; pl. X, fig. 192
Formation: Cretaceous, Horsetown horizon
Location: California

— **(Puzozia) haydenii** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 285, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **hoffmanni** (Gabb) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 94, pl. V, figs. 120–123; pl. X, fig. 203
Formation: Cretaceous, Horsetown
Location: California

— **jugalis** (Gabb) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 99, no pl.
Formation: Cretaceous
Location: California

— **latidorsatum** (Michelin) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 282, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **lecontei** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 95, pl. III, figs. 94, 95; pl. X, fig. 190
Formation: Cretaceous, Horsetown beds

Location: California

— **(Puzozia) mandense** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 286, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **(Puzozia) perezianum** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 285, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **(Puzozia) planulatum** ? (Sowerby) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 282, pl. XXXVI, fig. 2; pl. XXXVII, fig. 2
Formation: Cretaceous
Location: Queen Charlotte Islands

— **selwynianum** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 251, no pl.
Formation: Cretaceous
Location: Vancouver Island

— sp. A. Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 35, pl. II, fig. 3
Formation: Cretaceous, Duck Creek
Location: NorthTexas

— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 77, no pl.
Formation: Cretaceous, Knoxville beds
Location: California

— **subquadratum** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, pl. IV, figs. 118–119; pl. X, fig. 193
Formation: Cretaceous, Horsetown
Location: California

— **sugatum** (Forbes) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 98, pl. III, figs. 98, 99
Formation: Cretaceous, Chico beds
Location: California

— **voyi** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 100, pl. III, figs. 89–90
Formation: Cretaceous, Horsetown
Location: California

Dianchora echinata (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 487, pl. LIII, figs. 4–6; pl. LIV, figs. 1–2
Formation: Cretaceous, Navesink marl, Tinton beds
Location: New Jersey

Diastopora lineata (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 316, pl. XXI, figs. 3, 4
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Diceras dactyloides (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 567, pl. LXII, figs. 11, 12
Formation: Cretaceous, Navesink marl
Location: New Jersey

Dicranodonta dowlingi n. sp. McLearn

Canada Dept. Mines Mus. Bull. 29, 1919, p. 9, pl. III, figs. 3–5
Formation: Cretaceous, Peace River formation
Location: Peace River, Alberta

Didymotis trinidadensis n. sp. Sommermeier
Centralbl. für Minerologie, 1918, p. 132, figs. 1, 2
Formation: Cretaceous
Location: Trindad

Dieneria n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 105, no pl.
Formation: Triassic

— **arthaberi** n. sp. Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 106, pl. XXXVII, figs. 13–16; pl. LXXXI, figs. 10–25
Formation: Triassic
Location: California

Dinarites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 161, no pl.
Formation: Triassic

— **bonae-vistae** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 162, pl. LX, figs. 1–6
Formation: Triassic
Location: Buena Vista Canyon, Nevada

— **desertorum** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 69, pl. LXXXIX, figs. 3–7; pl. XCVIII, figs. 13–18
Formation: Triassic
Location: West Humbolt range, Nevada

— ? **pymaeus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 70, pl. LXXXIX, figs. 8, 9
Formation: Triassic
Location: West Humbolt range, Nevada

Diploconcha (Conrad) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 169, no pl.
Formation: Cretaceous

— (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 169, no pl.
Formation: Cretaceous

— **(Serpula ?) cretacea** ? Whitfield
U. S. Geol. Sur. Mon. 18, p. 170, pl. XX, fig. 25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **(Serpula ?) cretacea** ? Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 170, pl. XX, fig. 25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

Diplodon borealis n. sp. Wanner
Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 33, figs. 5a, b, c
Formation: Triassic
Location: Little Conewago Creek, York Co., Penna.

— **carolus-simpsoni** n. sp. Wanner
Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 34, pl. II, figs. 4, 5, 6
Formation: Triassic
Location: Little Conewago Creek, York Co., Penna.

— **pennsylvanicus** n. sp. Wanner
  Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 32, pl. II, figs. 1 (type); pl. III, fig. 4
  Formation: Triassic
  Location: Little Conewago Creek, York Co., Penna.

— **wanneri** n. sp. Wanner
  Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 34, pl. III, fig. 5
  Formation: Triassic
  Location: Little Conewago Creek, York Co., Penna.

— **Yorkensis** n. sp. Wanner
  Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 35, pl. III, figs. 2, 2a
  Formation: Triassic
  Location: Little Conewago Creek, York Co., Penna.

Diplomoceras notabile n. sp. Whiteaves
  Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 335, pl. XLIV, figs. 4, 4a, 4b
  Formation: Cretaceous
  Location: Vancouver Island

Diplopodia — see **Pseudodiadema**

— **hilli** (Clark) Cragin
  Texas Geol. Sur., 4th Ann. Rept. 1893, p. 147, no pl.
  Formation: Cretaceous, Austin chalk
  Location: Austin, Texas

— **hilli** (Clark) Clark
  U. S. Geol. Sur. Bull. 97, 1893, p. 50, pl. XVI, figs. 2a–g
  Formation: Cretaceous, Austin chalk
  Location: Texas

— **streeruvitzii** n. sp. Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 147, pl. XXIV; fig. 11; pl. XXV, figs. 8–10
  Formation: Cretaceous
  Location: El Paso county, Texas

— **streeruvitzi** (Cragin) Clark and Twitchell
  U. S. Geol. Sur., Mon. 54, 1915, p. 59, pl. XX, figs. 3a–c
  Formation: Cretaceous, Washita
  Location: El Paso county, Texas

— **taffi** n. sp. Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 148, pl. XLVI, fig. 3
  Formation: Cretaceous, Fredericksburg Division
  Location: Texas

— **taffi** (Cragin) Clark and Twitchell
  U. S. Geol. Sur., Mon. 54, 1915, p. 58, pl. XX, figs. 2a–e
  Formation: Cretaceous, Comanche Peak
  Location: Tarrant, Hill, and other counties, Texas

— **texana** (Roemer) Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 149, no pl.
  Formation: Cretaceous, Fredericksburg Division
  Location: Texas; Oklahoma

— **texanum** (Roemer) Clark
  U. S. Geol. Sur. Bull., 97, 1893, p. 48, pl. XV; figs. 1a–f; pl. XVI, figs. 1a–d
  Formation: Cretaceous, Comanche Peak
  Location: Texas

Diploria conferticostata n. sp. Vaughan

Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899; p. 239, pl. XXXIX, figs. 1–3
Formation: Cretaceous, Blue Mountain series
Location: Trout Hill and Upper Clarendon district, Jamaica

Diptychoceras Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 272, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— ? sp. (Gabb) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 82, no pl.
Formation: Cretaceous, Knoxville beds
Location: California

Discinia cf. Barrentsi (J .Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram., Rept. No. 7, 1907, p. 10, pl. I, fig. 1
Formation: Triassic
Location: Ammonitenberg am Barenkaplande

Discosparsa varians (Ulrich) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 315, pl. XXI, fig. 1–2
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Discocytis eccentrica n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 326, pl. XXII, figs. 16–19
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Discohelix (Dunker) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 501, no pl.
Formation: Cretaceous

— **lapidosa** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 502, no pl.
Formation: Cretaceous, Monmouth, Ripley, Selma
Location: Maryland; Mississippi; Alabama

— **bertheloti** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 64, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey

Discorbina bertheloti (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 256, pl. IV, figs. 1–3
Formation: Cretaceous, Horsetown marl, Vincentown limesand
Location: New Jersey

— **bertheloti** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 133
Formation: Cretaceous
Location: Timber Creek, New Jersey

Discotropites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 61, no pl.
Formation: Triassic
Location: Nevada

— **sandlingensis** (Hauer) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 63, pl. XXXV, figs. 1–12; pl. XXXVI, figs. 1–26
Formation: Triassic
Location: Shasta county, California

— **sandlingensis** (Hauer) Smith
Leland Stan. Jun. Univ. Pub., 1914, pl. V, figs. 1–13

Formation: Upper Triassic
Location: California

Doliopsis — see **Dolium**

Dolium (Doliopsis?) multiliratum n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 121, pl. XV, figs. 4–6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **(Doliopsis?) multiliratum** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 121, pl. XV, figs. 4–6
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey

Donax cuneata Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 638, no pl. (no description)
Formation: Cretaceous, Colorado and Montana formation
Location: Yellowstone National Park; Utah

— **cuneata** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 110, pl. XXV, fig. 1
Formation: Cretaceous, Montana formation ?
Location: Wyoming; Utah

— **cuneata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, fig. 1, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— ? **oblonga** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 111, pl. XXV, fig. 2
Formation: Cretaceous
Location: Utah

— **oblonga** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, pl. XL, fig. 2 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— ? **oblonga** Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 638, no pl.
Formation: Cretaceous, Colorado
Location: Yellowstone National Park, Utah

Dosinia (Scopoli) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 676, no pl.
Formation: Cretaceous

— **inflata** (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 380, no pl.
Formation: Cretaceous
Location: Vancouver Island

— **obliquata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 677, no pl.
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; Mississippi

Douvilliceras mamillare (Schloth) Anderson
Cal. Acad. Sci. Proc., 3d ser. vol. 2, No. 1, 1902, p. 108, no pl.
Formation: Cretaceous
Location: California

Dreissena (Van Beneden) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 627, no pl.
— **tippana** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 628, pl. XXXVII, figs. 8–11
Formation: Cretaceous, Matawan, Monmouth, Ripley
Location: Maryland; Georgia; Alabama
Drepanochilus — see **Anchura**
Drillia ullreyana n. sp. Cooper
Cal. State Mining Bureau Bull. No. 41, 1894, p. 41, pl. II, fig. 27
Formation: Cretaceous
Location: California
Drilluta n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 458
— **communis** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 459, pl. XXIII, figs. 5, 6
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
— **major** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 460, pl. XXIII, figs. 7, 8
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Dumblea n. gen. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 149, no pl.
Formation: Cretaceous
Location: Texas
— **symmetrica** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 150, pl. XXIV, fig. 12; pl. XXV, figs. 4–7; pl. XXVII, fig. 1
Formation: Cretaceous
Location: Sierra Blanca mountains, Texas
Durangites n. sub-gen. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 143
Formation: Jurassic
— **acanthicus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, p. 146, 1912, Lám. XXXVI, figs. 7, 8, 10, 11, 15
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango
— **densestriatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 153, Lám. XXXVI, figs. 22–24, 26, 27
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
— **fusicostatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 159, Lám. XXXVIII, figs. 8, 13, 14, 16
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
— **humboldti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 152, Lám. XXXVI, figs. 18–21, 25
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango

— **incertus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 147, Lám. XXXVI, figs. 12–14, 16, 17
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango
— **latesellatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 156, Lám. XXXVIII, figs. 11, 12, 15, 17
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango
— **nodulatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 155, Lám. XXXVIII, figs. 5–7, 9, 10
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango
— **vulgaris** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 149, Lám. XXVII, figs. 1–36; Lám. XXXVIII, figs. 1–4
Formation: Jurassic, Portlandian
Location: Cerro de las Liberes, Durango
Eboraciceras (Buckman) Reeside
U. S. Geol. Sur. Prof. Paper, 118, 1919, p. 14
Echinanthus mortonis (Michelin) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 67, no pl.
Formation: Cretaceous, Ripley
Location: Pantotoc, Mississippi
Echinobrissus angustatus (Clark) Whitney
Bull. Amer. Pal., No. 26, 1916, p. 14, pl. VII, figs. 6–9; pl. IX, fig. 4
Formation: Cretaceous, Buda
Location: Austin, Texas
— **angustatus** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, p. 69, pl. XXVII, figs. 2a–c
Formation: Cretaceous, Buda limestone
Location: Texas
— **expansus** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 61, pl. XXVI, figs. 1a–g
Formation: Cretaceous, Ripley
Location: Alabama; Mississippi
— **expansus** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 69, pl. XXVIII, figs. 1a–g
Formation: Cretaceous, Ripley
Location: Alabama; Mississippi
— **texanus** (Clark) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 150, no pl.
Formation: Cretaceous
Location: Texas
— **texanus** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 62, pl. XXVI, figs. 2a–f
Formation: Cretaceous, Austin Chalk
Location: Texas
— **texanus** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 70, pl. XXVIII, figs. 2a–f
Formation: Cretaceous, Austin Chalk
Location: Austin, Texas

Ecphora proquardicostata n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 293, pl. XVIII, fig. 7
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.

Enallaster bravoensis n. sp. Böse
Inst. Geol. de México, Bol. 25, p. 168, 1910, Lám. XLI, figs. 5–10; Lám. XLII, figs. 2–12; Lám. XLIII, figs. 1–2, 6–7
Formation: Cretaceous, Cenomanian
Location: Cerro Muleros

— **bravoensis** (Böse) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 114, pl. VIII, fig. 4
Formation: Cretaceous, Upper Washita
Location: North Texas

— **bravoensis** (Böse) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 58, pl. IX, fig. 11
Formation: Cretaceous, Upper Washita
Location: North Texas

— **bravoensis** (Böse) Whitney
Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 16, pl. VI, figs. 3–5
Formation: Cretaceous, Buda
Location: Texas

— **inflatus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 150, pl. XXIV, fig. 13
Formation: Cretaceous
Location: Texas

— **longisulcus** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 55, pl. IX, figs. 4, 8, 9, 10
Formation: Cretaceous, Fort Worth limestone
Location: North Texas

— cfr. **mexicanus** (Cotteau) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 165, Lám. XXXIX, figs. 9, 11; Lám. XL, figs. 4–5; Lám. XLI, fig. 1
Formation: Cretaceous, Vraconian
Location: Chihuahua

— cfr. **obliquatus** (Clark) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 165, Lám. XXXIX, fig. 10
Formation: Cretaceous, Vraconian
Location: Mexico

— **obliquatus** (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 79, pl. XL, figs. 1a–1
Formation: Cretaceous, Glen Rose
Location: Texas

— **obliquatus** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 86, pl. XL, figs. 1a–1
Formation: Cretaceous, Glen Rose
Location: Texas

— **texanus** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 51, no pl.
Formation: Cretaceous
Location: Texas

— **texanus** (Roemer) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 86, pl. XXXIX, figs. 2a–g
Formation: Cretaceous
Location: Texas; New Mexico

— **texanus** (Roemer) Böse
  Inst. Geol. de México, Bol. 25, p. 166, 1910, Lám. XL, figs. 6–10; Lám. XLI, figs. 2–4; Lám. XLII, fig. 1
  Formation: Cretaceous, Vraconian
  Location: Chihuahua, Mexico
— **texanus** (Roemer) Adkins and Winton
  Univ. of Texas Bull. 1945, 1919, p. 55, pl. IX, figs. 12, 13
  Formation: Cretaceous, Goodland to Grayson
  Location: North Texas
— **texanus** (Roemer) Clark
  U. S. Geol. Sur., Bull. 97, 1893, p. 78, pl. XXXIX, figs. 2a–g
  Formation: Cretaceous, Comanche Peak
  Location: Texas
— **traski** n. sp. Whitney
  Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 15, pl. VIII, figs. 1–3
  Formation: Cretaceous, Buda
  Location: Austin, Texas
— **wenoënsis** n. sp. Adkins
  Univ. of Texas Bull., No. 1856, 1918, p. 112, pl. V, fig. 3
  Formation: Cretaceous, Weno and Pawpaw
  Location: Fort Worth and Rio Vista, Texas
Encrinus hyatti Clark n. sp. Clark and Twitchell
  U. S. Geol. Sur., Mon. 54, 1915, p. 22, pl. I, figs. 3a–b
  Formation: Triassic
  Location: Plumas county, California
Endiscoceras (Hyatt) Hyatt and Smith
  U. S. Geol. Sur., Prof. Paper 40, 1905, p. 179
  Formation: Triassic
— **gabbi** (Meek) Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 179, pl. XXIV, figs. 1, 2
  Formation: Triassic
  Location: Nevada
Endocostea brooksi n. sp. Johnson
  School of Mines Quart., vol. 24, 1903, No. 2, p. 192, pl. V, figs. 23, a, b,
  Formation: Cretaceous, Fort Pierre age
  Location: New Mexico
— **brooksi** n. sp. Johnson
  Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 120, pl. V, figs. 23, a, b
  Formation: Cretaceous, Fort Pierre age
  Location: Madrid, New Mexico
— **typica** (Whitfield) Johnson
  School of Mines Quart., vol. 24, No. 2, 1903, p. 191. (See Rept. Geol. Black Hills, Dakota, p. 403)
  Formation: Cretaceous, Fort Pierre age
  Location: New Mexico
— ? **typica** (Whitfield) Johnson
  Columbia Univ., Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 119
  Formation: Cretaceous, Fort Pierre age
  Location: Achavica Arroyo, New Mexico
Endoptygma umbilicata (Toumey) Weller
  Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 692, pl. LXXVIII, figs. 4–6
  Formation: Cretaceous, Merchantville clay-marl

Location: New Jersey; Mississippi; Alabama
— **umbilicata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 136, pl. XVII, fig. 20
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **umbilicata** (Toumey) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 136, pl. XVII, fig. 20
Formation: Cretaceous, Lower Green Marls
Location: Burlington, New Jersey
Engonoceras (Neumayr) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 157, no pl.
Formation: Cretaceous
— (Neumayr) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 12, Taf. I (XIII), figs. 1–4
Formation: Cretaceous
Location: Texas
— **ambiguum** (Hyatt) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 12, Taf. I (XIII), fig. 1
Formation: Cretaceous
Location: Texas
— **belviderense** (Cragin) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 158, pl. XVIII, figs. 4, 5
Formation: Cretaceous, Washita
Location: Kansas
— **complicatum**, n. sp. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 175, pl. XXIV, figs. 6–8
Formation: Cretaceous
Location: Texas
— **dumbli** (Cragin) sp. emend Lasswitz
Geol. and Pale. Abh., N. F. 6, Heft. 4, 1904, pag. 12, Taf. I (XIII), fig. 2
Formation: Cretaceous
Location: Texas
— **emarginatum** (Cragin) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 177, no pl.
Formation: Cretaceous
Locality not given
— **gibbosum** n. sp. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 171, pl. XXII, figs. 6–10; pl. XXIII, figs. 1–6
Formation: Cretaceous, Fredericksburg
Location: Denison, Texas
— **Hilli** (Boehm) emend Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 13, Taf. I (XIII), fig. 4, Text fig. 2
Formation: Cretaceous
Location: Texas
— cfr. **Pedernale** (v. Buch) (Hyatt) Böse
Inst. Geol de México, Bol. 25, 1910, p. 82, Lám. XI, figs. 1–3
Formation: Cretaceous, Vraconian
Location: Chihuahua, Mexico
— **pierdenale** var. **commune** Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 165, pl. XXI, fig. 1

Formation: Cretaceous
Location: Texas

— **pierdenale** (Von Buch) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 165, pl. XX, figs. 6–13
Formation: Cretaceous, Fredericksburg group
Location: Texas

— **pedernale** (v. Buch) Lasswitz
Geol. und Pale. Abh. (Koken) N. F. Bd. 6, Heft. 4, p. 12, no pl.
Formation: Cretaceous
Location: Texas

— **roemeri** (Cragin) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 177, no pl.
Formation: Cretaceous, Glenrose
Location: Texas

— **serpentinum** (Cragin) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 84, pl. IV, figs. 3, 5–6, 12
Formation: Cretaceous, Weno and Pawpaw
Location: Texas

— **serpentinum** (Cragin) Hyatt
U. S. Geol. Sur. Mon. 44, 1900, p. 162, pl. XIX; figs. 7–14; pl. XX, figs. 1–5
Formation: Cretaceous, Pawpaw beds
Location: Gainsville and Denison, Texas

— sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 85, pl. IV, figs. 8–10
Formation: Cretaceous, Pawpaw, Grayson, Denton, Duck Creek
Location: Texas

— **G. Stolleyi** (Böhm) Böse
Inst. Geol. de México, Bol. 25, 1910, Apendice
Formation: Cretaceous
Location: Peru

— **G. Stolleyi** (Böhm) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 81, Lám. XI, figs. 4–16
Formation: Cretaceous, Vraconian
Location: Chihuahua, Mexico

— **G. Stolleyi** (Boehm) emend Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 13, Taf. I (XIII), fig. 3
Formation: Cretaceous
Location: Texas

— **stolleyi** (Böhm) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 175, pl. XXIII, figs. 7–9; pl. XXIV, figs. 1–5
Formation: Cretaceous
Location: Texas

— sp. ind. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 83, Lám. XII, figs. 1–3
Formation: Cretaceous, Vraconian
Location: Chihuahua

— **subjectum** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 168, pl. XXI, figs. 2–6; pl. XXII, figs. 1–5
Formation: Cretaceous
Location: Texas

— **addensi** (Cragin) Hyatt

U. S. Geol. Sur. Mon. 44, 1903, p. 159, pl. XIX, figs. 1–6
Formation: Cretaceous, Kiowa shales
Location: Kansas

Engonoceratidae Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p .153, no pl.

Enoploclytia minor n. sp. Woodward
Geol. Mag., n. s. decade 4, vol. 7, 1900, 434
Formation: Upper Cretaceous
Location: Hornby Island, Vancouver

— **minor** (Woodward) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 321, no pl.
Formation: Cretaceous
Location: Vancouver group

Entalophora conradi (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 323, pl. XXII, fig. 9
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Entalis cooperi (Gabb) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 372, no pl., no description
Formation: Cretaceous
Location: Hornby Island

Entolium, sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.
Formation: Triassic and Jurassic
Location: Sailors Canyon, California

Epiaster aguilerae Böse n. sp
Inst. Geol. de México, Bol. 25, p. 173, Lám. XLVII; figs. 2–4, 6–7; Lám. XLVIII, figs. 1, 2, 4
Formation: Cretaceous, Cenomanian
Location: Cerro Muleros, Mexico

— **aguilerae** Böse Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 109, pl. V, fig. 5; pl. VIII, fig. 7
Formation: Cretaceous, Basal Fort Worth limestone
Location: Fort Worth, Texas

— **electus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 152, no pl.
Formation: Cretaceous
Location: Travis county, Texas

— **elegans** (Shum.) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 80, pl. XLI; figs. 1a–b; pl. XLII, figs. 1a–b, pl. XLIII, figs. 1a–e
Formation: Cretaceous, Washita
Location: Texas

— **elegans** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 152, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Oklahoma

— **elegans** var. nov. **praenuntius** Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 152, no pl.
Formation: Cretaceous, Comanche Peak
Location: Texas

— **hemiasterinus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 153, no pl.

Formation: Cretaceous, Arietina clay
Location: Fort Worth, Texas
— (?) sp. indt. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 21, no pl.
Formation: Cretaceous, Glen Rose
Location: Travis county, Texas
— **subobesus** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 110, pl. XI, fig. 3
Formation: Cretaceous, Weno and Pawpaw
Location: Near Riovista, Texas
— **wenoensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 105, pl. VI, fig. 6
Formation: Cretaceous, Weno and Pawpaw
Location: Texas
— **whitei** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 82, pl. XLIII, figs. 2a–d; pl. XLIV, figs. 1a–g
Formation: Cretaceous, Washita
Location: Texas
— **whitei** (Clark) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 154, no pl.
Formation: Cretaceous, Comanche Peak
Location: Texas
Epidromus — see **Triton**
Epitonium (Bolten) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 477, no pl.
— **cecilium** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 479, pl. XV, figs. 11, 12
Formation: Cretaceous, Monmouth
Location: Kent county, Maryland
— **dakotensis** Stanton n. sp.
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 35, pl. VI, figs. 9a–b
Formation: Cretaceous, Cannonball
Location: Kayser,N. Dakota
— **marylandicum** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 478, pl. XVII, fig. 7
Formation: Cretaceous, Monmouth
Location: Prince George's county, Maryland
Erato veraghoorensis (?) (Stol) Anderson
Cal. Acad. Sci. Proc., 3d ser., Geol., vol. 2, No. 1, 1902, p. 78, pl. IX, fig. 181, 182
Formation: Cretaceous
Location: Oregon
Eripachya ? paludinaforis n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 77, pl. III, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **paludinaformis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, p. 77, 1892, pl. III, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey
Eriphyla conradi (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 550, pl. LX, figs. 4–8
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay

Location: New Jersey
— **decemnaria** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 551, p. LX, fig. 9
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **declevis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 551, pl. LX, fig. 10
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— ? **mandanensis** Stanton n .sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 28, pl. IV, fig. 3
Formation: Cretaceous, Cannonball
Location: Mandan, N. Dakota
— **pikensis** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 28, pl. IV, figs. 4, 5, 6
Formation: Cretaceous
Location: Texas; Arkansas
— **parilis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 552, pl. LX, fig. 11
Formation: Cretaceous
Location: New Jersey
Eryma Dawsoni n. sp. Woodward
Geol. Mag., n. s, decade 4, vol. 7, 1900, p. 400, pl. XVI, fig. 2
Formation: Upper Cretaceous
Location: Hornby Island
— **Dawsoni** (Woodward) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 321, pl. XLI, fig. 2
Formation: Cretaceous
Location: Vancouver Island
Escharinella altimuralis n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 339, pl. XXIV, figs. 9, 10
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— ? **altimuralis** (Ulrich and Bassler) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 741, pl. XLVI, fig. 7
Formation: Cretaceous, Rancocas
Location:Delaware
Esperites ? sp. Merril
Harv. Coll. Mus. Comp. Zool. Bull., vol. 27, No. 1, 1896, p. 13, fig. 9
Formation: Cretaceous flint
Location: Texas
Estheria cfr. **minuta (Alberti)** Jones
Geol. Mag., dec. IV, vol. 5, 1898, p. 293
Formation: Triassic, Cimarron series
Location: Hunnewell, Sumner Co., Kansas
Etea carolinensis (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 541, pl. LIX, figs. 4–6
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey; North Carolina
— **delawarensis** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 546, pl. LIX, figs. 8–9
Formation:Cretaceous, Manasquan marl
Location: New Jersey
— **trapezoidea** (Conrad) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 543, pl. LVIII, figs. 20, 21; pl. LIX, fig. 7
Formation: Cretacous, Merchantville clay-marl
Location:New Jersey; Alabama; Texas

Eudiscoceras (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 179, no pl.

— **gabbi** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof.Paper 40, 1905, p. 179, pl. XXIV, figs. 1, 2
Formation: Triassic
Location: Nevada

Eulimella ? funicula (Meek) Herrick and Johnson
Denison Univ Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, fig. 9, no description
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **? funicula** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 140, pl. XXX, fig. 9
Formation: Cretaceous
Location: Coalville, Utah

Eunaticina — see **Sigaretus**

Eunema cretaceum Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 367, no pl.
Formation: Cretaceous
Location: Vancouver Island

— **cretaceum** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser. vol. 1, sec. 4, 1896, p. 126, pl. 3, fig. 3
Formation: Cretaceous
Location: Northwest side of Hornby Island, Vancouver

Eurynoticeras zitteli n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 108, Lám. XXIX, figs. 1–17, Lám. XXX, figs. 1–3, 5–7, 9
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

Euspira — see **Polynices**

Euthria ? ? fragilis (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 753, pl. LXXXVIII, figs. 25, 26
Formation: Cretaceous, Woodbury clay
Location: New Jersey

— **? fragilis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 78, pl. IX, figs. 11, 12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **? fragilis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 78, pl. IX, figs. 11, 12
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey

Eutomoceras (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 129, no pl.
Formation: Triassic

— (Hyatt) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 380, no pl.
Formation: Triassic

— (Hyatt) Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 60, no pl.
Formation: Triassic
— **breweri** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 61, pl. XXVIII, figs. 1–7
Formation: Triassic, Daonella zone
Location: West Humbolt range, Nevada
— **(Halilucites) dalli** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 65, pl. XXIX, figs. 1–11
Formation: Triassic
Location: West Humbolt range, Nevada
— **dunni** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 62, pl. XXVII, figs. 14–25
Formation: Triassic
Location: West Humbolt range, Nevada
— **dunni** n. sp. Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 381, pl. XLIII, fig. 11; pl. XLIV, fig. 4
Formation: Triassic
Location: Nevada
— **lahontanum** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 63, pl. XXVIII, figs. 8–11
Formation: Triassic
Location: West Humbolt range, Nevada
— **laubei** (Meek) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. IX, figs. 5–7
Formation: Triassic
Location: Nevada
— **laubei** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 63, pl. X; figs. 7–11; pl. XXIV, figs. 8, 8a; pl. XXVI, figs. 7–9; pl. XXVII, figs. 1–13; pl. XC, figs. 1–4
Formation: Triassic, Daonella beds
Location: Nevada
— **laubei** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 131, pl. LX, figs. 7–11
Formation: Triassic
Location: Nevada
— **sandlingense** (Hauer) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 397, pl. XLVI; fig. 10; pl. XLVIII, figs. 5–6
Formation: Triassic, Karnic
Location: California; Alps
Eutrephoceras (Hyatt) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 371, no pl.
Formation: Cretaceous
— **dekayi** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 372, pl. XIII, fig. 9
Formation: Cretaceous, Monmouth
Location: Maryland; Atlantic Coast
Exilia (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 463, no pl.
Formation: Cretaceous
— **cretacea** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 464, pl. XIV, fig. 13
Formation: Cretaceous, Monmouth

Location: Prince George's county, Maryland

Exogyra (Say) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 563, no pl.
Formation: Cretaceous

— (Say) [Harris]
Amer. Bull. Pal., vol. 1, No. 5, 1896, p. 291, no pl.
Formation: Cretaceous ? Ancient Alluvium

— **potosina** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 3, Lám. XI, fig. 9
Formation: Jurassic
Location: Mexico, San Luis, Potosi

— **americana** (Marcou) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 66, pl. XIV, figs. 1–2
Formation:Cretaceous, Forth Worth, Duck Creek
Location: North Texas

— **americana** (Marcou) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 183, pl. XXXI
Formation: Cretaceous
Location: Quitman Mountains, Texas

— **arietina** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 66, pl. XIII, figs. 1–6
Formation: Cretaceous, Mainstreet, Grayson
Location: Texas

— **arietina** (Roemer) Böse
Univ. of Texas Bull. No. 1902, 1919, p. 19, pl. IV, figs. 1–18; pl. V, figs. 1–23
Formation: Cretaceous, Del Rio
Location: Schoal Creek, Austin, Texas

— **cartledgei** n. sp. Böse
Univ. of Texas Bull. 1902, 1919, p. 17, pl. I, figs. 7–13; pl. II, figs. 1–4; pl. III, figs. 1–8
Formation: Cretaceous
Location: Brewster county, Texas

— **clarki** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 22, pl. X, XI
Formation: Cretaceous
Location: Austin, Texas

— **columbella** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 63, pl. VIII, figs. 2–4
Formation: Cretacous, Eagle Ford shale
Location: Texas

— **columbella** (Meek) Cragin
Texas Geol. Survey, 4th Ann. Rept., 1893, p. 184, no pl.
Formation: Cretaceous, Timber Creek sandstone
Location: Texas

— **costata** (Say) Böse
Inst. Geol. de México, Bol. 30, 1906, p. 51, Lám. VI, fig. 3; Lám. VII, fig. 1; Lám. VIII, figs. 2, 3; Lám. IX, fig. 3
Formation: Cretaceous, Senonian
Location: Cohuila

— **costata** (Say) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 564, pl. XXV, fig. 5; pl. XXVI; pl. XXVII, figs. 1, 2
Formation: Cretaceous
Location: Delaware; Maryland; New Jersey; North and South

Carolina; Georgia; Alabama; Texas; Mexico; India
— **costata** (Say) Harris and Veatch
Geol. Sur., Louisiana, pt. 5, 1899, p. 292, pl. XLIX, fig. 1
Formation: Cretaceous
Location: Rayburn's Salt Work, Bienville Parish, La., King's Salt Work
— **costata** (Say) [Harris]
Bull. Amer. Pal., vol. 1, No. 5, 1896, p. 291, no pl.
Formation: Cretaceous, Ancient Alluvium
Location: New Jersey
— **costata** (Say) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 456, pl. XLVII, fig. 1
Formation: Cretaceous, Navesink marl, Red Bank sand
Location: New Jersey; Delaware; Alabama; Mississippi; Texas; Arkansas
— **costata** (Say) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 51, Lám. VI, fig. 3; Lám. VII, fig. 1; Lám. VIII, figs. 2, 3; Lám. IX, fig. 3
Formation: Cretacous, Senonian
Location: Mexico
— **costata** (Say) Stephenson
U. S. Geol. Sur. Prof. Paper 81, 1914, p. 40, pl. XVI, figs. 3, 4; pl. XVII, figs. 1, 2; pl. XVIII; pl. XIX, figs. 1–4; pl. XV, fig. 1
Formation: Cretaceous
Location: Gulf Coast Region
— **costata** var. **cancellata** n. var. Stephenson
U. S. Geol. Sur. Prof. Paper 81, 1914, p. 53, pl. XV, figs. 2, 3, 4; pl. XVI, figs. 1, 2
Formation: Cretaceous
Location: Gulf Coast Region
— **costata** var. **cancellata** (Stephenson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 566, pl. XXVII, fig. 3
Formation: Cretaceous, Matawan, Monmouth, Navarro, Peedee
Location: Maryland; Delaware; New Jersey; Texas; Mississippi; Mexico
— **drakei** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 184, pl. XXIX; figs. 8–11
Formation: Cretaceous, Bosqueville
Location: McLennan county, Texas
— **ferox** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 185, pl. XXXII, fig. 1; pl. XXXIII, fig. 5; pl. XXXIV, fig. 1; pl. XXXVI, fig. 6
Formation: Cretaceous, Cross Timber sandstone
Location: Fannin county, Texas
— **haarmanni** n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 230, pl. XVIII, figs. 4–8
Formation: Cretaceous, Cenomanian
Location: Mexico
— **hilli** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 186, no pl.
Formation: Cretaceous, Dinosaur sands
Location: Travis county, Texas

— **laeviuscula** (Roemer) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 448, no pl.
Formation: Cretaceous, Lincoln marble
Location: Kansas

— **laeviuscula** (Roemer) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 64, pl. VIII, figs. 5, 6
Formation: Cretaceous
Location: Linear plateau, southeast Utah

— **laeviuscula** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 186, no pl.
Formation: Cretaceous, Arietina marl and Vola limestone
Location: Austin, Texas

— cfr. **clisiponensis** (Sharpe) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 230, no pl.
Formation: Cretaceous, Cenomanian ?
Location: Mexico

— **parasitica** (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 401, no pl.
Formation: Cretaceous
Location: Vancouver Island

— **paupercula** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 186, pl. XXX, figs. 7, 8
Formation: Cretaceous, Alternating beds
Location: Erath county, Texas

— **plexa** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 187, pl. XXX, figs. 3–6
Formation: Cretaceous
Location: Grayson and Tarrant counties, Texas

— **plexa** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 65, pl. XIII, figs. 7–10
Formation: Cretaceous, Goodland to Duck Creek
Location: North Texas

— **ponderosa**, Roem. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 50, Lám. IX, figs. 1, 2
Formation: Cretaceous, Senonian (lower part)
Location: Coahuila, Mexico

— **ponderosa** (Roemer) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 569, no pl.
Formation: Cretaceous, Matawan, Selma, Black Creek, Anacacho, Taylor
Location: Maryland; Delaware; New Jersey; Georgia; Mississippi; Texas

— **ponderosa** (Roemer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 58, pl. XLVII, fig. 2
Formation: Cretaceous, Marshalltown marl
Location: New Jersey; Alabama; Texas

— **ponderosa** (Roemer) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 447, no pl.
Formation: Cretaceous, Lincoln marble
Location: Kansas

— **ponderosa** (Roemer) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 65, pl. VII, figs. 1, 2
Formation: Cretaceous
Location: Utah

— **ponderosa** (Roemer) Stephenson

U. S. Geol. Sur. Prof. Paper 81, 1914, p. 46, pl. XIII, figs. 5, 6, 7; pl. XIV, pl. XV, figs. 1, 2, 3
Formation: Cretaceous
Location: Gulf Coast Region

—**ponderosa** (Roem.) var. **Clarki**, Shattuck, Böse
Inst. Geol. de México, Bol. 25, 1910, p. 115, Lám. XXII, fig. 17; Lám. XXIV, fig. 6; Lám. XXV, fig. 8; Lám. XXVI, figs. 4–11
Formation: Cretaceous, Cenomanian
Location: Cerro de Muleros, Mexico

— **ponderosa** var. **erraticostata** n. var. Stephenson
U. S. Geol. Sur. Prof. Paper 81, 1914, p. 49, pl. XV, fig. 4; pl. XVI, figs. 1, 2
Formation: Cretaceous
Location: Gulf Coast Region

— **potosina** (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 41, pl. III, fig. 7; pl. IV, fig. 7
Formation: Jurassic
Location: Malone, Texas

— **suborbiculata** (Lamark) sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 62, pl. V, fig. 6; pl. VIII, fig. 1; pl. VI, figs. 1, 2
Formation: Cretaceous, Pugnellus sandstone
Location: Pueblo, Colorado

— **subplicifera** (Felix) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 41, pl. IV, figs. 1–4
Formation: Jurassic
Location: Malone, Texas

— **texana** (Roem.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 112, Lám. XX, figs. 14–16; Lám. XXI, figs. 1–11; Lám. XXII, figs. 1–9
Formation: Cretaceous, Vraconian
Location: Sonora and Chihuahua, Mexico

— **texana** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 64, pl. XIII, figs. 15, 16
Formation: Cretaceous, Goodland, Walnut
Location: North Texas

— **upatoiensis** n. sp. Stephenson
U. S. Geol. Sur. Prof. Paper 81, 1914, p. 46, pl. XIII, figs. 1–4
Formation: Cretaceous
Location: Upatoi Creek, Columbus, Georgia

— **weatherfordensis** n. sp. Cragin
Tex. Geol. Sur., 4th Ann. Rept., 1893, p. 188, pl. XLV, figs. 7–10
Formation: Cretaceous, Alternating beds
Location: Texas

— **weatherfordensis** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 65, pl. XIII, figs. 11–14
Formation: Cretaceous, Walnut
Location: North Texas

— sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 460, pl. XLVII, fig. 3
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

Fagesia haarmanni n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 211, pl. XIV, figs. 1, 2;

pl. XV, fig. 2
Formation: Cretaceous, Lower Turonian
Location: Mexico

— **pervinquieri** n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 212, pl. XIV, fig. 3
Formation: Cretaceous, Lower Turonian
Location: Mexico

Falcula — see **Dentalium**

— (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 168, no pl.
Formation: Cretaceous

— (Conrad) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 168, no pl.
Formation: Cretaceous, Lower Green Marls

Falsifusus mesozoicus n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 284, pl. XVII, figs. 11, 12
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.

Fasciolaria — (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 437, no pl.
Formation: Cretaceous
Location: Maryland

— ? **cordensis** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128-A, 1920, p. 43, pl. VIII, figs. 8a–10
Formation: Cretaceous, Cannonball
Location: Heart River near Almont, N. Dakota

— ? **(Mesochytis) dakotensis** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 43, pl. VIII, figs. 13a–14b
Formation: Cretaceous, Cannonball
Location: Kayser, Price, Pretty Rock, and Janesburg, N. Dakota, Lemmon, S. Dakota

— ? **jimcea** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 438, pl. XIV, fig. 12
Formation: Cretaceous, Monmouth
Location: Maryland

— **lloydi** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128–A, 1920, p. 42, pl. VIII, figs. 11a, b
Formation: Cretaceous, Cannonball
Location: Kayser and Leith, N. Dakota; Morristown, S. Dakota

— **mandanensis** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128–A, 1920, p. 43, pl. VIII, figs. 5–7
Formation: Cretaceous, Cannonball
Location: Near Mandan and Leith, N. Dakota

— ? sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 438, pl. XIV, fig. 11
Formation: Cretaceous, Monmouth
Location: Maryland

— sp. Logan
Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, p. 214, pl. XXV, figs. 1–3

Formation: Cretaceous, Benton
Location: Kansas
— ? **(Cryptorhytis) utahensis** (Meek) sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 153, pl. XXXII, figs. 3, 4
Formation: Cretaceous, Pugnellus sandstone
Location: Utah; Colorado
— ? **walcotti** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 153, pl. XXXII, fig. 5
Formation: Cretaceous
Location: Utah
Favia texana n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 145, pl. XXIV, fig. 1; pl. XLVI, fig. 5
Formation: Cretaceous, "Drift"
Location: Texas
Ficus precedens n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 122, pl. XV, figs. 7,8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **precedens** (n. sp.) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 122, pl. XV, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
Filifascigera megaera (Lonsdale) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 325, pl. XXII, figs. 12–15
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **megaera** (Lonsdale) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 739, pl. XLVI, fig. 12
Formation: Cretaceous, Rancocas
Location: New Jersey; Delaware
Filisparsa bifurcate (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 322, pl. XXII, fig. 8
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **contortilis** (Lonsdale) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 322, pl. XXII, figs. 5–7
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Fissurella bipunctata n. sp. Stanton
U. S. Geol. Sur., Bull. 133, 1895, p. 63, pl. XIII, fig. 8
Formation: Cretaceous, Knoxville beds
Location: California
Fistulana ruperti n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 19, pl. VII, figs. 5, 6
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **ruperti** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 19, pl. VII, figs. 5, 6
Formation: Cretaceous, Buda
Location: Austin, Texas
Flabellina cordata (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 59, no pl.
Formation: Cretaceous, Rancocas

Location: New Jersey
— **cordata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 246, no pl.
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **sagittaria** (Lea) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 247, pl. III, figs. 16, 17
Formation: Cretaceous, Hornerstown marl
Location: New Jersey
— **sagittaria** (Lea) Bagg
U. S. Geol. Sur., Bull. 88, 1898, p. 59, pl. IV, figs. 1a, 1b
Formation: Cretaceous, Rancocas
Location: New Mexico
Flabellum mortoni (Vaughan) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 267, pl. V, figs. 1–4
Formation: Cretaceous, Manasquan Marl
Location: New Jersey
Flemingites russelli n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 121, pl. I, figs. 1–3; pl. LXX, figs. 1–3
Formation: Triassic
Location: Idaho
— **russelli** (Hyatt and Smith) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 378, pl. XLII, fig. 5; pl. XLIII, figs. 5, 6
Formation: Triassic
Location: Idaho
— (Waagen) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 377, no pl.
Formation: Triassic
— (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 120, no pl.
Formation: Triassic
Flickia boesei n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 85, pl. I, figs. 1–3
Formation: Cretaceous, Pawpaw
Location: Near Riovista, Texas
— **(?) bosquensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 87, pl. I, fig. 4; pl. IV, fig. 11
Formation: Cretaceous, Del Rio Clay
Location: Near Waco, Texas
Flustrella ? capistrata (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 329, pl. XXIII, figs. 5, 6
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Frondicularia alata (d'Orbigny) Bagg
U. S. Geol. Sur., Bull. 88, p. 46, 1898, pl. II, fig. 4b, (bottom form)
Formation: Cretaceous to Recent; Ranococas
Location: New Jersey
— **alata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 225, pl. II, figs. 17–19
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **alata** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 114
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
— **augusta** (Nillson) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 115
Formation: Cretaceous
Location: Mullica Hill, Crosswick's Creek, and Timber Creek, New Jersey
— **augusta** (Nillson) var. **dimidia** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 225, pl. II, figs. 20, 21
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **augusta** (Nillson) var. **dimidia** Bagg
Johns. Hop. Univ. Circ., vol. 15, 1895, No. 121, p. 11
Formation: Rancocas ?
Location: Vincentown, New Jersey
— **augusta** (Nillson) var. **dimidia** Bagg
U. S. Geol. Sur., Bull. 88, 1898, p. 47, pl. III, figs. 7a, 7b
Formation: Cretaceous, Rancocas
Location: New Jersey
— **archiaciana** (d'Orbigny) var. **strigillata** n. var. Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 47, pl. III, fig. 5
Formation: Cretaceous to Recent; Rancocas
Location: New Jersey
— **archiaciana** (d'Orbigny) var. **strigillata** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 226, pl. II, fig. 22
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **clarki** Bagg
U. S. Geol. Sur., Bull. 88, 1898, p. 48, pl. III, fig. 4
Formation: Cretaceous, Monmouth
Location: New Jersey
— **clarki** n. sp. Bagg
Johns Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Rancocas ?
Location: Vincentown, New Jersey
— **clarki** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 227, pl. II, fig. 23
Formation: Cretaceous, Navesink Marl
Location: New Jersey
— **gaultina** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 48, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey
— **gaultina** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 227, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey
— **inversa** (Reuss) Bagg
Johns. Hop. Univ. Cir., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Navesink
Location: Freehold, New Jersey
— **inversa** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 48, no pl.

Formation: Cretaceous, Monmouth
Location: New Jersey

— **inversa** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 228, no pl.
Formation: Cretaceous, Navesink Marl
Location: Freehold, New Jersey

— **lanceola** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 49, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey

— **lanceola** (Reuss) Bagg
Johns Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Navesink Marl
Location: Freehold, New Jersey

— **lanceola** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 228, no pl.
Formation: Cretaceous, Navesink Marl
Location: New Jersey

— **major** (Bornemann) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 49, pl. III, fig. 3
Formation: Cretaceous, Rancocas
Location: New Jersey

— **major** (Bornemann) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 229, pl. II, fig. 27
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **ovata** (Roemer) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 49, pl. II; figs. 4a, 5b (bottom forms); pl. IV, figs. 2a, 2b
Formation: Cretaceous, Matawan and Rancocas
Location: New Jersey

— **ovata** (Roemer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 229, pl. II, figs. 28, 29
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey

— **pulchella** (Karrer) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 49, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey

— **pulchella** (Karrer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 230, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey

— **reticulata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 50, pl. III, fig. 6
Formation: Cretaceous, Monmouth
Location: New Jersey

— **reticulata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 230, pl. II, fig. 30
Formation: Cretaceous, Navesink Marl
Location: Freehold, New Jersey

— sp. Calvin
Iowa Geol. Sur., vol. III, 2nd Ann. Rept., 1895, p. 229, pl. XIX. fig. 14
Formation: Cretaceous

Location: St. Helena, Nebraska
— **verneuilina** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 50, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey
— **verneuilina** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 231, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey
Fulvia tenuis (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 597, pl. LXVI, fig. 8
Formation: Cretaceous, Navesink Marl
Location: New Jersey
Fusus cliffwoodensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 756, pl. LXXXIX, figs, 6, 7
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
— **gabbi** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 151, pl. XXXI, fig. 14
Formation: Cretaceous
Location: Coalville, Utah
— **gabbi** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 9, art. 11, 1900, pl. XLIII, fig. 14, no description
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **graysonensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 224, no pl.
Formation: Cretaceous, Eagle Ford Shale
Location: Whitesboro, Texas
— ? **holmdelensis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 757, pl. LXXXIX, figs. 11, 12
Formation: Cretaceous, Navesink Marl
Location: New Jersey
— ? **holmdelensis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 62, pl. VI, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **holmdelensis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 62, pl. VI, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
— **holmesianus** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 755, pl. LXXXIX, fig. 4
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Alabama
— **kingii** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 356, no pl., (no description)
Formation: Cretaceous
Location: Sucia Islands
— **lorillardensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 758, pl. LXXXIX, figs. 9, 10
Formation: Cretaceous, Woodbury clay
Location: New Jersey

— **matthewsoni** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, tertiary transition, Chico and Tejon
Location: California

— **shumardi** (H. & M.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, fig. 13, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **shumardi** (H. and M.) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 150, pl. XXXI, fig. 13
Formation: Cretaceous, Fort Benton group
Location: East fork of Beaver Creek; Black Hills

— **simondsi** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 22, pl. XI, fig. 2
Formation: Cretaceous, Buda limestone
Location: Austin, Texas

— **simondsi** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 22, pl. XI, fig. 2
Formation: Cretaceous, Buda
Location: Austin, Texas

— sp. Logan
Field. Col. Mus. Geol. Ser., vol. 1, No. 6, 1899, p. 215, pl. XXV, figs. 2, 5
Formation: Cretaceous, Benton
Location: Kansas

— sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 34, pl. XIX, figs. 10, 11
Formation: Cretaceous, Buda
Location: Austin, Texas

— **supraplanus** n. sp. Cooper
Cal. State Min. Bureau Bull. 4, 1894, p. 45, pl. II, fig. 31
Formation: Cretaceous, Rose Canyon bed
Location: California

— **texanus** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 33, pl. XIX, fig. 9
Formation: Cretaceous
Location: Austin, Texas

— **(Anomalofusus) substriatus** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 462, pl. XXIII, figs. 9, 10, 11

— **(Neptunea) venenatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 152, pl. XXXII, figs. 1, 2
Formation: Cretaceous, Pugnellus sandstone
Location: Colorado

Gabbioceras — see Lytoceras

Galba accelerata (White) Baker
Chicago Acad. Sci. Specila Pub. No. 3, 1911, p. 88, pl. XVI, figs. 5–8
Formation: Cretaceous, Atlantosaurus beds
Location: Canyon City, Colorado; Como Ridge, Wyoming

— **ativincula** (White) Baker
Chicago Acad. Sci. Special Pub. No. 3, 1911, p. 87, pl. XVI, figs. 1, 2

Formation: Cretaceous, Atlantosaurus beds
Location:

— **compactilis** (Meek) Baker
Chicago Acad. Sci. Special Pub., No. 3, 1911, p. 94, pl. XVI, fig. 23
Formation: Cretaceous, Laramie
Location: Separation Station, Union Pacific RR. Carbon Co., Wyoming

— **consortis** (White) Baker
Chicago Acad. Sci. Special Pub., No. 3, 1911, p. 87, pl. XVI, figs. 3, 4
Formation: Cretaceous, Atlantosaurus beds
Location: Canyon City, Colorado

— **nitidula** (Meek) Baker
Chicago Acad. Sci. Special Pub., No. 3, 1911, p. 89, pl. XVI, figs. 20–22
Formation: Cretaceous, Bear River formation
Location: Bear River, Wyoming

Garnieria pusilla n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 492, pl. XXXVI, figs. 7, 8, 9
Formation: Cretaceous
Location: Vesterdalen, Danmarks, Havn, Greenland

— **pusilla** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10, 1911, p. 492, pl. XXXVI, figs. 7, 8, 9
Formation: Cretaceous
Location: Danmarks, Havn, Greenland

Gastrochaena americana n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 649, pl. LXXIII, fig. 13
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **lingueformis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 649, pl. LXXIII, fig. 9
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

— **whitfieldi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 648, pl. LXXIII, figs. 9, 10
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

Gaudryceras denmanense Whiteaves
Geol. Sur. Can. Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 329, no pl.
Formation: Cretaceous
Location: Vancouver Island

Guadryceras — see **Lytoceras**

Guadryina pupoides (d'Orbigny) Bagg
U. S. Geol. Sur., Bull. 88, p. 31, 1898, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey

— **pupoides** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur. Final Rept., vol. 3, pt. 1, 1895, p. 31, pl. C, figs. 15, 16
Formation: Cretaceous
Location: Minnesota; Nebraska

— **pupoides** (d'Orbigny) Woodward

New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 96
Formation: Cretaceous
Location: Mullica Hill, New Jersey

— **pupoides** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 197, pl. I, figs. 27–29
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

Geodia Austini n. sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16, fig. 11
Formation: Cretaceous flint
Location: Texas

— ? **cretacea** n. sp Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No.. 1, 1896, p. 15, fig. 12
Formation: Cretaceous flint
Location: Texas

— ? **Hilli** n. sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 17, fig. 21
Formation: Cretaceous flint
Location: Texas

— ? **irregularis** n. sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No.1, 1896, p. 16, fig. 14
Formation: Cretaceous flint
Location: Texas

— ? sp. Merrill
Harv. Coll. Mus. Comp. Zool., vol. 28, No. 1, 1896, p. 18, fig. 32
Formation: Cretaceous flint
Location: Texas

— sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 18, fig. 29
Formation: Cretaceous flint
Location: Texas

— **spini-curvata** n. sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 15 fig. 13
Formation: Cretaceous flint
Location: Texas

— ? **spinipansata** n. sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 17, fig. 20
Formation: Cretaceous flint
Location: Texas

— ? **Texana** n. sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16, fig. 18
Formation: Cretaceous flint
Location: Texas

— ? **tripunctata** Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16, fig. 15
Formation: Cretaceous flint

Location: Texas
Germanonautilus furlongi n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 142, pl. XCV, figs. 1, 2
Formation: Triassic
Location: West Humbolt range, Nevada
Gervillia cinderella n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 47, pl. V, fig. 1
Formation: Jurassic
Location: Malone, Texas
— **corrugata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 46, pl. IV, figs. 8-10
Formation: Jurassic
Location: Malone, Texas
— (?) cf. **Loewenighi** (J. Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram. Rept., No. 7, 1907, p. 22
Formation: Triassic
Location: Hutinsel im Bayfjord
— **montanaensis** (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 617, no pl.
Formation: Mesozoic
Location: Yellowstone National Park
— cf. **newcombii** (Whiteaves) Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. 4, 1914, p. 86, pl. II, fig. 2
Formation: Cretaceous
Location: Queen Charlotte Islands
— **newcombii** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 297, pl. XXXIX, fig. 1
Formation: Cretaceous
Location: Queen Charlotte Islands
— **propleura** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 74, pl. X, figs. 1–3
Formation: Cretaceous, Pugnellus sandstone
Location: Georgia
— ? **riograndensis** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 47, pl. V, figs. 2, 3
Formation: Jurassic
Location: Malone, Texas
— cfr. **solenoides** (Söhle non Defr.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 86, Lám. XIV, fig. 3
Formation: Lower Cenomanian
Location: Cerro de Muleros
— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 463
Formation: Jurassic
Location: "4 Saenkning," Store Koldewey Island
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10. 1911, p. 463
Formation: Jurassic
Location: "4 Saenkning," Store Koldewey Island
— sp. Stanton
U. S. Geol. Sur. Mon. 32, 1899, p. 617, no pl.

Formation: Mesozoic
Location: Yellowstone National Park
— **stantoni** n. sp. McLearn
Canadian Field Naturalist, vol. 34, No. 3, 1920, p. 55, fig. 1
Formation: Cretaceous, Bad Heart sandstone of Smoky River formation
Location: Smoky River, Alberta
Gervilliopsis ensiformis (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 421, pl. XXXVII, figs. 4, 5; pl. XXXVIII, figs. 1–3
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Navesink marl, Red Bank sand
Location: New Jersey; Alabama; Mississippi
— **invaginata** ? (White) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 19, pl. V, fig. 12
Formation: Cretaceous, Buda sandstone
Location: Austin, Texas
— **invaginata** (White) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 67, pl. XVIII, fig. 1
Formation: Cretaceous, Buda, Pawpaw, Weno
Location: North Texas
— **invaginata** (White) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 189, no pl.
Formation: Cretaceous, Denison beds
Location: Texas
— **minima** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 423
Formation: Cretaceous Navesink Marl
Location: New Jersey; Mississippi
Glabrae (Agassiz) Packard
Type: **Trigonia gibbosa** Sowerby
Uinversity of Oregon Pub., vol. 1, No. 9, 1921, p. 17
Formation: Jurassic-Cretaceous
Glauconia coalvillensis (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 132, pl. XXVIII, fig. 11; pl. XXIX, figs. 1, 2
Formation: Cretaceous
Location: Utah
Globiconcha (Tylostoma) curta Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 160, pl. XIX, figs. 26, 27
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Texas
—**(Tylostoma) curta** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 160, pl. XIX, figs. 26, 27
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **sp.** Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 140, pl. X, fig. 41
Formation: Cretaceous, Weno
Location: Gainesville, Texas
Globigerina bulloides (d'Orbigny) Weller
Geol. Sur. N J. Pal., vol. 4, 1907, p. 254, pl. III, figs. 32–34
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **bulloides** (d'Orbigny) Bagg

U. S. Geol. Sur. Bull. 88, 1898, p. 63, no pl.
Formation: Cretaceous to Recent, Rancocas, Manasquan
Location: New Jersey

— **bulloides** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 40, pl. D., figs. 11–17
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois

— **bulloides** McClung
Kan. Univ. Geol. Sur., vol. 4, 1898, p 423, pl. LXXXV, figs. 5–8
Formation: Cretaceous
Location: Kansas

— **bulloides** var. **triloba** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 63, no pl.
Formation: Cretaceous, Rancocas and Manasquan
Location: Vincentown, New Jersey

— **bulloides** var. **trioba** (Reuss) Weller
Geol. Sur. N J. Pal., vol. 4, 1907, p. 255, pl. IIII, fig. 35
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **cretacea** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 64, no pl.
Location: Cretaceous to Recent, (?) Monmouth and Rancocas
Location: New Jersey

— **cretacea** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 255, no pl
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey

— **cretacea** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., 1895, vol. 3, pt. 1, p. 41, pl D, figs. 18, 19
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois

— **cretacea** (d'Orbigny) Woodward
New York Microscopical Soc. Juorn., vol. X, No. 4, 1894, p. 132
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey

— cf. **digitata** (Brady) Calvin
Iowa Geol. Sur., Vol. III, 2nd Ann. Rept., 1895, p. 228, pl. XIX, fig. 3
Formation: Cretaceous
Location: St. Helena, Nebraska

— **marginata** (Reuss) Woodward and Thomas
Minn. Geol. and. Nat. Hist. Sur., Final Rept., 1895, vol. 3, pt 1, p. 42, pl. D, figs. 20, 21
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois

— **sacculifera** (Brady) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 42, pl. D, fig. 22
Formation: Cretaceous
Location: Minnesota

— **spinosa** n. sp. McClung
Kans. Univ. Geol. Sur., vol. 4, 1898, p. 423, pl. LXXXV, fig. 7
Formation: Cretaceous

Location: Kansas
Glycimeris (da Costa) Gardner
Maryland Geol Sur., U. Cret., 1916, p. 540, no pl.
Formation: Cretaceous
Location: Maryland
— **mortoni** (Conrad) Gardner 1916
Maryland Geol. Sur., U. Cret., 1916, p. 540, no pl.
Formation: Cretaceous, Matawan, Monmouth, Ripley, Black Creek, Selma
Location: Maryland; Delaware; New Jersey; Alabama; North and South Dakota; Mississippi; Georgia
— **subimbricata** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128–A, 1920, p. 23, pl. II, figs. 6a, b, 7
Formation: Cretaceous, Cannonball
Location: Stram, N. Dakota
— **veatchi** (Gabb) Arnold
U. S Proc. Nat. Mus., vol. 34, 1908, pl. XXXI, fig. 4, no description
Formation: Cretaceous, Knoxville and Chico
Location: California
— **(Postligata) wordeni** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 543, pl. XXI, figs. 7–9
Formation: Cretaceous, Monmouth
Location: Maryland
Glyphaea n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt 5, 1903, p. 323, no pl.
Formation: Cretaceous
Location: Nanimo, Vancouver Island
Goniaster mammillata (Gabb) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 42, pl. VIII, figs. 1a, b
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey
— **mammillata** (Gabb) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 32, pl. V, figs. 1a, b
Formation: Cretaceous
Location: New Jersey
— **mammillata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 277, pl. VI, figs. 10–17
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Goniobasis convexa (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur Bull. 257, 1905, p. 116, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **convexa** var. **impressa** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 116, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **gracilenta** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p 116, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **(?) increbescens** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 633, pl. LXXV, fig. 7

Formation: Cretaceous, Dakota
Location: Yellowstone National Park
— **invenusta** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **jeffersonensis** n. sp. White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 134, pl. VIII, fig. 9
Formation: Cretaceous, Dakota
Location: Jefferson county, Nebraska
— **judithensis** n. sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 117, pl. XIII, fig. 4
Formation: Cretaceous, Judith River beds
Location: Montana
— ? **omitta** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— ? **ortmanni** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 197, pl. IV, figs. 7–10
Formation: Cretaceous
Location: Harlowton, Montana
— ? **pealei** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, pl. LXXXV, fig. 6, p. 632
Formation: Cretaceous, Dakota
Location: Yellowstone National Park
— ? **silberlingi** n. sp Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 198, pl. IV, fig. 6
Formation: Cretaceous
Location: Harlowton, Montana
— **doubtful species,** White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 135, pl VIII, fig. 10
Formation: Cretaceous, Dakota
Location: Jefferson county, Nebraska
— **sublaevis** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— ? **subtortuosa** (Meek and Hayden) Stanton and Hatcher
U. S Geol. Sur. Bull. 257, 1905, p. 117, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— ? **subtortuosa** (Meek and Hayden) (Meek) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 319, pl. LXXXIII, figs. 7, 8
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
Goniocheila — see **Aporrhais**
Goniomya calderoni n. sp. Aguilera
Com. de México, Bol. 1, 1895, p. 9, Lám. V, figs. 17, 18
Formation: Jurassic
Location: Mineral de Catorce, San Luis Potosi, Mexico
— **montanaensis** (Meek) Logan
Kans Univ. Quart., vol. 9, 1900, p. 128, pl. XXVI, fig. 1
Formation: Jurassic

Location: Freeze-out Hills, Wyoming
— sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 128, pl. XXVI, fig. 2
Formation: Jurassic
Location: Freeze-out Hills, Wyoming
— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 481
Formation: Jurassic
Location: Hochstetter's Foreland
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 481
Formation: Jurassic
Location: Hochstetter's Foreland
— **transversicostata** n. sp. cfr. G. **duboisi** Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol 7, sec. 4, 1914, p. 82, pl. III, fig. 2
Formation: Cretaceous
Location: Queen Charlotte Islands
— **uniangulata** cf. G. americana (Meek) Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol 7, sec. 4, 1914, p. 82, pl. III, fig. 1
Formation: Cretaceous
Location: Queen Charlotte Islands
Goniopygus budaensis n. sp. Whitney
Bull. Amer. Pal., Vol. 5, No. 26, 1916, p. 6, pl II, figs. 1–8
Formation: Cretaceous, Buda
Location: Austin, Texas
— **zitteli** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 53, pl. XVIII, figs. 2a–d; pl. XIX, figs. 1a–e
Formation: Cretaceous, Fredericksburg
Location: Texas
— **zitteli** (Clark) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 155, no pl.
Formation: Cretaceous, Caprina limestone
Location: Texas
— **zitteli** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 52, pl. XIV, figs. 3a–c; pl. XV, figs. 1a, b
Formation: Cretaceous, Edwards limestone
Location: Williamson county, Texas
— (?) **Grammatodon inornatus** (Meek and Hayden) Davis
Jour. Geol., vol. 21, 1913, p. 454
Formation: Jurassic, Slate's Springs (Franciscan)
Location: California
Graptocarcinus texanus (Roemer) Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 27, pl. XIII, figs. 2, 3
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **texanus** (Roemer) Whitney
Univ. of Texas Bull. 184, 1911, p. 27, pl. XIII, figs. 2, 3
Formation: Cretaceous, Buda
Location: Austin, Texas
Gresslya abducta (Phillip's sp.) Madsen

Meddelelser om Grönland, vol. 29, 1903, p 186, pl. VIII, fig. 3
Formation: Jurassic
Location: Mount Nathorst, Greenland

— **gregaria** (Zieten) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 185, pl. VIII, figs. 1, 2
Formation: Jurassic
Location: Mount Nathorst, Greenland

— **peregrina** (Phillips) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 186, pl. VIII, fig. 4
Formation: Jurassic
Location: Mount Nathorst, Greenland

Gryphaea (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 571, no pl.
Formation: Cretaceous

— **calceola** var. **nebrascensis** (Meek and Hayden) Stanton
U S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 612, pl. LXXII, figs. 5–7
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **convexa** (Say) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 451, pl. XLV, figs. 1, 2
Formation: Cretaceous, Marshalltown clay-marl, Navesink marl
Location: New Jersey; Alabama ; Mississippi

— **corrugata** (Say) Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 53, pl. V–XV, XVIII; XIX
Formation: Cretaceous, Washita Division, Duck Creek beds
Location: Texas; Oklahoma

— **dissimilaris** n sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 453, pl. XLVI, figs. 2, 3
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

— **gibberosa** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 189, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Austin and Round Rock, Texas

— **Keilhaui** (J. Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907, p. 30
Formation: Triassic
Location: Hutinsel im Bayfjord

—**marcoui** n. sp. Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 50, pl. II; III; IV; V
Formation: Cretaceous
Location: Texas

— **marcoui** (Hill and Vaughan) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 61, pl. XV, figs. 15–18
Formation: Cretaceous, Goodland and Walnut
Location: North Texas

— **mexicana** (Felix) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 39, pl. III, figs. 1–6
Formation: Jurassic
Location: Malone, Texas

— **mucronata** (Gabb) Hill and Vaughan
U. S. Geol. Sur., Bull. 151, 1898, p. 63, pl. XXIV; XXV; XXVI; XXVII; XXVIII; XXIX; XXX
Formation: Cretaceous, Del Rio beds; Buda limestone

Location: Texas
— **mucronata** (Gabb) Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 21, pl. IX
Formation: Cretaceous, Buda
Location: Texas
— **mucronata** (Gabb) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 63, pl. XV, figs. 1–4
Formation: Cretaceous, Grayson and Buda
Location: Texas
— **mutabilis** (Morton) Weller
Geol. Sur N. J. Pal., vol. 4, 1907, p. 452, pl. XLVI, fig. 1
Formation: Cretaceous, Marshallville marl-clay
Location: New Jersey
— **navia** (Hall) Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 57, pl. XVII; XVIII
Formation: Cretaceous, Washita Division
Location: North central Texas; Oklahoma
— **navia** (Hall) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 62, pl. XV; figs. 13, 14
Formation: Cretaceous, Kiamitia
Location: North Texas
— **navia** (Hall) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 106, Lám. XVII, figs. 2–9; Lám. XVIII, figs. 1–5, 10
Formation: Cretaceous, Vraconian, Lower Cenomanian
Location: Cerro de Muleros, Mexico
— **newberryi** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 60, pl V, figs. 1–5
Formation: Cretaceous, Colorado
Location: Utah; Colorado; Arizona; New Mexico
— **newberryi** (Stanton) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 61
Formation: Cretaceous
Location: Fort Benton, New Mexico
— **persimilis** (nom. prov.) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 300, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
— **pitcheri** (Mort.) Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 13–23; 38–42; 45, 46, no pl., (no specific description)
Formation: Cretaceous
Location: Texas
— **pitcheri** (Mort) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 108, no pl. (no description)
Discussion:
— **pitcheri** var. **hilli** (Cragin) Hill and Vaughan
U. S. Geol. Sur Bull. 151, 1898, p. 38, no pl., (no description); (History of this variety)
Formation: Cretaceous
Location: Texas; Kansas
—**pitcheri** Mort. var., **Tucumcarii** (Marcou) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 109, Lám. XVIII; figs. 6–9, 11, 12; Lám. XIX, figs. 1–14
Formation: Cretaceous, Vraconian

Location: Cerro de Muleros, Mexico
— **pitcheri** Mort. var. Washitaensis (Hill) Böse
Inst. Geol. de México, Bol. 25, 1910, p 110, Lám. XX, figs. 1–13
Formation: Cretaceous, Lower Cenomanian
Location: Cerro de Muleros, Mexico
— **plano convexa** (Whitfield) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 611, pl. LXXII, figs. 9, 10
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
— **Pycnodonte)** pusilla n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 578, pl. XXXIII, figs. 4–6
Formation: Cretaceous, Monmouth
Location: Maryland
— **skuld** (J. Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907, p. 30, pl. II, fig 7
Formation: Triassic
Location: Ammonitenberg am Bärenkaplande
— **sp.** ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.
Formation: Triassic
Location: Sailor's Canyon, California
— **vesicularis** (Lám.) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 120
Formation: Cretaceous
Location: Howe Sound
— **vesicularis** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 292, pl XLIX, fig. 2, pl. L, figs. 1, 2
Formation: Cretaceous
Location: Bienville parish, Louisiana
—**vesicularis** (Lam.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 204, pl. XXX, fig. 3
Formation: Cretaceous
Location: Below the Punta de la Mesa S. S., east of Mount Taylor
— **vesicularis** (Lamarck) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol 1, pt. 5, 1903, p. 401, no pl.
Formation: Cretaceous
Location: Nanaimo, Vancouver Island
— **vesicularis** (Lam.) Böse
Inst. Geol. de México, Bull. 24, 1906, p. 49, Lám. IV, figs. 1–3; Lám. VII, fig. 2; Lám. IX, fig. 4; Lám. XII, fig. 6
Formation: Cretaceous, Lower Senonian
Location: Mexico
— **(Pycnodonte) vesicularis** (Lamarck) Gardner
Maryland Geol Sur., U. Cret., 1916, p. 572, pl. XXVIII; XXIX; XXX; XXXI; XXXII; XXXIII, figs. 1–3
Formation: Cretaceous, Matawan, Monmouth, Rancocas
Location: Maryland; Delaware; New Jersey; North and South Carolina; Mississippi; Georgia; Alabama; Tennessee; Western Interior; Texas
— **(Gryphaeostrea) vomer** (Morton) Weller
Geol. Sur. N. J. Pal., Vol. 4, 1907, p. 455, pl. XLIV, figs. 6–11

Formation: Cretaceous, Marshalltown marl, Navesink marl, Hornerstown marl, Vincentown limesand
Location: New Jersey; Mississippi

— **(Gryphaeostrea) vomer** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916 p. 579, pl. XXV, figs. 1–4
Formation: Cretaceous, Matawan, Monmouth, Rancocas, Eutaw, Ripley, Selma, Nanje, Aquia, Jackson
Location: Maryland; Delaware; New Jersey; Mississippi; Tennessee; Alabama

— **wardii** n. sp. Hill and Vaughan
U. S. Geol. Sur., Bull. 151, p. 49, pl. I, figs. 1–16
Formation: Cretaceous, Comanche Peak formation
Location: Texas

— **washitaensis** (Hill) Hill and Vaughan
U. S. Geol. Sur., Bull. 151, 1898, p. 59, pl. XIX; XX; XXI; XXII; XXIII
Formation: Cretaceous, Washita Division
Location: Texas

— **washitaensis** (Hill) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 62, pl. XV, figs. 5–12
Formation: Cretaceous, Kiamitia to Mainstreet
Location: North Texas

Gryphaeostrea (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 579, no pl.
Formation: Cretaceous
Location: Maryland

Grypoceras whitneyi (Gabb) Smith
U S. Geol. Sur., Prof. Paper 83, 1914, p. 141, pl. XVI, figs. 2, 3; pl. XCIX, figs. 5–7
Formation: Triassic
Location: West Humboldt range, Nevada

Gymnites alexandrae n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 52, pl. XXIII, fig. 1, pl. XXIV, figs. 1–12; pl. XXV, fig 1
Formation: Triassic
Location: West Humboldt range, Nevada

— **(Anagymnites) acutus** (Hauer) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 54, pl. XCVII, figs. 13, 14
Formation: Triassic
Location: West Humboldt range, Nevada

— **calli** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 53, pl. XXVI, figs. 1, 1a
Formation: Triassic
Location: West Humboldt range, Nevada

— (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 51, no pl.
Formation: Triassic

— **perplanus** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p 54, pl. XV, figs. 7, 7a
Formation: Triassic
Location: West Humboldt range, Nevada

— **(anagymnites) rosenbergi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 55, pl. XXVI, figs. 2–6
Formation: Triassic
Location: West Humboldt range, Nevada

Gymnitidae Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 115, no pl.
Formation: Triassic
Location: Nevada
Gympotoceras (Hyatt) Smith
Cal. Acad. Sci. Pro., 3d ser., vol. 1, 1904, p. 385
Formation: Triassic
— (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 172, no pl.
Formation: Triassic
Gymnotropites — see **Paratropites**
— n. subgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 56, no pl.
Formation: Triassic
— **californicus** (Hyatt and Smith) Smith
Leland Stan. Jr., Univ. Pub. 1914, pl. VIII, figs. 11–13
Formation: Triassic
Location: California
Gyrochorda sp. Kittl
Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907, p. 40, pl. III, fig. 12
Formation: Triassic
Location: Heureka Sund, (Eureka Sound)
Gyrodes (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p 496, no pl.
Formation: Cretaceous
Location: Maryland
— **abbottii** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 124, pl. XV, fig. 17
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **abbottii** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 124, pl. XV, fig. 17
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **abyssina** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 683, pl. LXXVII, figs. 7–9
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama; Texas
— **abyssinus** (Morton) (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 498, no pl.
Formation: Cretaceous, Monmouth, Eutaw, Selma, Ripley
Location: Alabama; Delaware; Maryland; New Jersey; Mississippi
— **altispira** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 687, pl. LXXVII, figs. 19–21
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **altispira** (Gabb) Whitfield
Geol. Sur. N. J., vol 2, 1892, p. 128, pl. XVI, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **altispira** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 128, pl. XVI, figs. 7, 8
Formation: Cretaceous, Lower Green Marls

Location: Mullica Hill, New Jersey
— **conradi** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 136, pl. XXIX, figs. 7, 8
Formation: Cretaceous
Location: Colorado
— **(conradiana ?)** (Gabb var.) **canadensis** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol 1, pt. 5, 1903, p. 365, no pl.
Formation: Cretaceous
Location: Sucia Islands; Brennan Creek; Vancouver Island
— **crenata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 685, pl. LXXVII, figs. 10–12
Formation: Cretaceous, Merchantville clay marl, Woodbury clay, Wenonah sand
Location: New Jersey; Alabama; Mississippi
— **crenata** (Conrad) Whitfield
Geol. Sur. N. J., vol 2, 1892, p. 126, pl. XVI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **crenata** (Conrad) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 126, pl. XVI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
— **depressa** (Meek) Stanton
U. S. Geol. Sur., Bull 106, 1893, p. 135, pl. XXIX, figs. 11–14
Formation: Cretaceous, Pugnellus sandstone
Location: Coalville, Utah; Huerfano Park, Colorado
— **depressa** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 639, no pl.
Formation: Cretaceous
Location: Yellowstone National Park, Utah; Colorado
— **depressa** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol 11, art. 9, 1900, p. 209, pl. XXIX, figs. 7a, 7b
Formation: Cretaceous
Location: New Mexico
— **infracarinata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 125, pl. XV, figs. 13–16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **infracarinata** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 125, pl. XV, figs. 13–16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **obtusivolva** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 129, pl XVI, figs. 9–12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **obtusivolva** (Gabb) Whitfield
U. S. Geol. Sur., Mon., 18, 1892, p. 129, pl. XVI, figs. 9–12
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **petrosus** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 127, pl. XVI, figs. 1–4

Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **petrosus** (Morton) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, pl. 127, pl. XVI, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **petrosus** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 689, pl. LXXVII, figs. 13–18
Formation: Cretaceous, Merchantville clay-marl, Wenonah sand, Navesink marl, Red Bank sand
Location: New Jersey; Alabama; Mississippi; Texas
— **petrosus** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 496, pl. XIII, fig. 8
Formation: Cretaceous, Matawan, Monmouth, Ripley, Selma
Location: Alabama; Deleware; Maryland; New Jersey; Mississippi
— **siskiyouensis** n. sp. Anderson
Cal. Acad. Sci. Proc., vol. 2, No. 1, 1912, p. 76, pl. VIII, figs. 167, 168
Formation: Cretaceous, Chico beds
Location: Siskiyou Mountains
Gyronites — see **Meekoceras**
— (Waagen) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 145
Formation: Triassic
— (Waagen) Smith
Cal. Acad. Sci. Proc., 3d ser., 1904, vol. 1, p. 372, no pl.
Formation: Triassic
Halilucites (Diener) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 64, no pl.
Formation: Triassic
Haliotis lomaensis n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser., Geol., vol. 2, No. 1, 1902, p. 75, pl. IX, fig. 183
Formation: Cretaceous, Chico
Location: California
Halobia (Brown) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 403, no pl.
Formation: Triassic, Ladinic, Karnic, and Noric
— **austriaca** Mojs. ? Frech
Cong. Geól. Intern. C.R. 10° sess. Mexico, 1906, p. 331, Taf. I, figs. 1a, b
Formation: Triassic
Location: Puente del Ahogado, Zacatecas, Mexico
— sp. juv. (Zitteli, Linstrum) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 21
Formation: Triassic
Location: Hutinsel im Bayfjord
— **superba** (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 403, pl. XLVIII, figs. 1, 2
Formation: Triassic, Karnic
Location: California

— **Zitteli** (Lindstr.) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 14, Taf. I, figs. 7–11
Formation: Triassic
Location: Bärenkapland, Blauer Berg im Grayfjord
Halorites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 41, no pl.
Formation: Triassic
— **americanus** (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 42, pl. XXIX, figs. 1, 2
Fomation: Triassic, Pseudomonotis beds
Location: California
— **(Homerites) semiglobosus** (Hauer) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 43, pl. XXVIII, figs. 19–24
Formation: Triassic
Location: Shasta county, California
Haloritidae (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 37, no pl.
Formation: Triassic
— (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 35
Formation: Triassic
Haminea (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 407, no pl.
Formation: Cretaceous
— **cylindrica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 409, pl. XVIII, figs. 8, 9
Formation: Cretaceous, Monmouth
Location: Maryland
— **mortoni** (Forbes)
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 812, pl. XCIX, figs. 14–16
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **mortoni** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 408, no pl.
Formation: Cretaceous, Matawan, Selma
Location: Maryland; New Jersey; Alabama; Mississippi
— **truncata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIV, figs. 9, 11, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **truncata** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 162, pl. XXXIV, figs. 9–11
Formation: Cretaceous, Pugnellus sandstone
Location: Colorado
Hamites (Parkinson) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 38, no pl.
Formation: Cretaceous
— **(Ptychoceras) aequicostatum** (Gabb) Anderson
Cal. Acad. Sci. Proc., ser. Geol., vol. 2, No. 1, 1902, no pl.
Formation: Cretaceous
Location: California

— **armatus** n. sp. Anderson
Cal. Acad. Sci. Proc., ser. Geol., vol. 2, No. 1, 1902, p. 89, pl. V, figs. 130–132
Formation: Cretaceous, Chico beds
Location: California

— sp. aff. **Armatus** (Sowerby) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 69, no pl.
Formation: Cretaceous, Base of Pawpaw formation
Location: Near Fort Worth, Texas

— **comanchensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 38, pl. VI, fig. 10
Formation: Cretaceous, Duck Creek limestone
Location: North Texas

— **cylindraceus** (de France) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 89
Formation: Cretaceous
Location: Oregon

—**ellipticus** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, pl. III
Formation: Cretaceous
Location: Oregon

— **fremonti** (Marcou) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 40, pl. VI, fig. 3
Formation: Cretaceous, Duck Creek, Georgetown
Location: Texas; Oklahoma

— **nokonis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 39, pl. VI, figs. 5, 6
Formation: Cretaceous, Duck Creek limestone
Location: Oklahoma; Texas

— **obstrictus** (Jimbo) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 334, pl. XLIV, fig. 3
Formation: Cretaceous
Location: Sucia Islands

— **obstrictus** (Jimbo) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 130
Formation: Cretaceous
Location: Sucia Islands

— **phoenixensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 88, pl. III, fig. 104
Formation: Cretaceous, Chico beds
Location: Phoenix, Oregon

— **(Ptychoceras) solanoense** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, p. 90, 1902, pl. IX, fig. 184
Formation: Cretaceous
Location: California

— **tanima** n. sp. Adkins and Winton
Univ. of Texas Bul. 1945, 1919, p. 41, pl. VI, figs. 1, 2
Formation: Cretaceous, Duck Creek
Location: Fort Worth, Texas

— **tenawa** (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 69, no pl.
Formation: Cretaceous, Pawpaw
Location: Tarrant county, Texas

— **tenawa** n. sp. Adkins and Winton
Univ. of Texas Bull., 1945, 1919, p. 43, pl. VI, fig. 4
Formation: Cretaceous, Pawpaw
Location: Texas

Hamulina worthensis n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 71, pl. II, figs. 23–26
Formation: Cretaceous, Base of Pawpaw, clay facies
Location: Near Fort Worth, Texas

Hamulus (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 747, no pl.
Formation: Cretaceous

— **falcatus** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 309, pl. XXII, figs. 11, 12
Formation: Cretaaceous, Marshalltown clay marl
Location: Swedesboro, New Jersey

— **lineatus** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 310, pl. XIX, fig. 7
Formation: Cretaceous, Merchantville clay marl
Location: Senola, New Jersey

— **onyx** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 747, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; Alabama

— ? sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 311, pl. XIX, figs. 3, 4
Formation: Cretaceous, Wenonah sand
Location: Crawfords Corner, New Jersey

Haploceras (Zittel) Roig
Secretaria de Agr. Commercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 39

— **beudanti** Merriam
Univ. Cal. Bull. Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon

— **carinata** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 19, Lám. VII, fig. 6
Formation: Jurassic
Location: Mexico

— **catorcensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 21, Lám. VII, fig. 5
Formation: Jurassic
Location: Mexico

— **churchi** n. sp. Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. IV, 1913, p. 81, pl. I, fig. 2
Formation: Cretaceous
Location: Queen Charlotte Islands

— **complanatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 15, Lám. IV, figs. 13, 15–17

Formation: Jurassic
Location: Cañon del Toboso, México
— **cornutum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 91, Lám. XXIV, figs. 7–10
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **costatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 96, Lám. XXV, figs. 1–10
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **felixi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 93, Lám. XXIV, figs. 11–15
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **fialar** (Oppel) Roig
Secretaria de Agr. Commercio y Trabajo Bol. Especial, Habana, Cuba 1920, p. 39, pl. XIV, figs. 3, 3a
Formation: Jurassic, Kimeridgian
Location: Puerta del Ancón, Laguna de Piedra, Cuchillos de Jóse Rivera
— **fialar** (Oppel.) sp. Buckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 77, Lám. XIX, figs. 1–19, Lám. XX, figs. 1–6, 12, 14, 15
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **aff. fialar** (Oppel.) Roig
Secretaria de Agr. Commercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 41, pl. XIV, fig. 5
Formation: Jurassic, Kimeridgian
Location: Laguna de Piedra
— **aff. fialar** (Oppel.) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 80, Lám. XX, figs. 7–11; 13
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **mazapilensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 20, Lám. VII, fig. 4
Formation: Jurassic
Location: Sierra de Zuloago, Zacatecas; Sierra de Catorce, Mexico
— **mexicanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 89, Lám. XXIII, figs. 9–12; 13–15
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **ordoñezi** Aguilera sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 94, Lám. XXVI, figs. 1–78
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 90, Lám. XXIV, figs. 1–3
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **transatlanticum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 83, Lám. XXI, figs. 1–8; 13–15

Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— aff. **transatlanticum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 85, Lám. XXI, figs. 9–12
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **zacatecanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 85, Lám. XXII, figs. 1–11
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— aff. **zacatecanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 87, Lám. XXIII, figs. 1–8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

Haplophragmium concava n. sp. Bagg
Johns Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Rancocas
Location: Blue Ball, N. J.

— **concavum** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 189, pl. I, figs. 1, 2
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

— **concavum** Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 27, pl. II, figs. 1a, 1b
Formation: Cretaceous, Rancocas
Location: New Jersey

— **irregulara** (Roemer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 190
Formation: Cretaceous, Vincentown
Location: Vincentown, New Jersey

— **irregulara** (Roemer) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 27, no pl.
Formation: Cretaceous, Rancocas formation
Location: New Jersey

Haploscapha eccentrica Conrad Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 494, pl. XCIII
Formation: Cretaceous, Ornithostoma beds of Niobrara area
Location: Kansas

— **grandis** (Conrad) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 492, 493, pl. XCIV
Formation: Cretaceous, Lowermost Ornithostoma beds of Niobrara area
Location: Kansas

— **niobrarensis** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 493, pl. CXVI, fig. 2
Formation: Cretaceous, Lowermost Ornithostoma beds
Location: Kansas

Haplovoluta n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 70, 1918, p. 114. To replace genus **Scobina** described by Wade in vol. 69, p. 286 of the Academy Proceedings

Harpa (?) occidentalis n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. **212, pl. XXVIII, fig. 4**

Formation: Cretaceous
Location: New Mexico

Harpagodes shumardi (Hill) Shattuck
U. S. Geol. Sur. Bull., 205, 1903, p. 32, pl. XXI
Formation: Cretaceous, Buda limestone
Location: Austin, Texas

Hauericeras gardeni (Baily) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 352, no pl.
Formation: Cretaceous
Location: Vancouver Island

Hauerites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 104, no pl.
Formation: Triassic

— **ashleyi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 104, pl. XXXVII, figs. 10–12
Formation: Triassic
Location: Shasta county, California

Haydenites (Diener) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 114, no pl.
Formation: Triassic

— **hatschekii** (Diener) Smith
U. S. Geol. Prof. Paper 83, 1914, pl. XXXIII, p. 114, figs. 1–3
Formation: Triassic
Location: West Humboldt range, Nevada

Hedenstroemia (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 100, no pl.
Formation: Triassic

— **kossomati** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 101, pl. LXVII, figs. 3–7; pl. LXXXIV, figs. 1–10
Formation: Triassic
Location: California

Helcion giganteus? var.**vancouverensis** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 370, pl. LI, fig. 1
Formation: Cretaceous
Location: Vancouver Island

— **granulatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 63, pl. XII, fig. 4
Formation: Cretaceous, Knoxville beds
Location: California

— ? **tentorium** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 153, pl. XIX, figs. 6–8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **tentorium** (Morton) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 153, pl. XIX, figs. 6–8
Formation: Cretaceous, Lower Green Marls
Location: Arneytown, New Jersey

— **tenuicostatus** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 371, pl XLV, figs. 8, 8a

Formation: Cretaceous
Location: Vancouver Island

? **Helicoceras corrugatum** (Stanton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 462, pl. C, fig. 3
Formation: Cretaceous, Septaria horizon of Fort Benton limestone
Location: Kansas

— **corrugatum** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 165, pl. XXXV, fig. 5
Formation: Cretaceous, Niobrara limestone
Location: Turkey creek, Huerfaro Park, Colorado

— **indicum** (?) Stol. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 91, pl III, figs. 96, 97
Syn. Stol. Pal. Ind., vol. 1, p. 184, pl. LXXVI
Formation: Cretaceous, Chico
Location: California

— **pariense** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 164, pl. XXXV, figs. 2–4
Formation: Cretaceous
Location: Southeast of Paria, Utah

— **pariense** (White) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 132
Formation: Cretaceous, Ft. Pierre
Location: Santa Rosa Mountain, New Mexico

— **pariense** (White) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 204, (See U. S. Geol. Sur. Bull. 106, p. 164)
Formation: Cretaceous, Santa Rosa Mountain, Fort Pierre age
Location: New Mexico

— **stevensoni** Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 14, 1901, p. 219, pl. XXIX; XXX
Formation: Cretaceous, Fort Pierre Group
Location: Chadron, Nebraska

Helicocryptus mexicanus Böse n. sp.
Inst. Geol. de México, Bol. 25, 1910, p. 140, Lám. XLVI, figs. 1–5; Lám. XLVII, fig. 1
Formation: Cretaceous, Lower Cenomanian
Location: Cerro Muleros, Mexico

Helix ? White
U. S. Geol. Sur Bull. 128, 1895, p. 48, pl. VI, fig. 13
Formation: Cretaceous, Bear River

— **vetusta** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

Hemiacirsa cretacea n. sp. Wade
Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 301, pl. XIX, fig. 3
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.

Hemiaster (Desor) Slocum
Field Col. Mus. Nat. Hist. Pub. 134, 1909, p. 9, no pl.
Formation: Cretaceous to Recent

— **beecheri** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 96, pl. L, figs. 2a–c

Formation: Cretaceous, Pierre Shale
Location: South Dakota

— **bexari** Clark n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 89, pl. XLVI, figs. 1a–e
Formation: Cretaceous, Washita
Location: Bexar county, Texas

— **californicus** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 90, pl. XLIX, figs. 1a–c
Formation: Cretaceous, Chico group
Location: California

— **californicus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 96, pl. L, figs. 1a–d
Formation: Cretaceous, Chico
Location: Shasta county, California

— **calvini** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 90, pl. XLIX, figs. 2a–i
Formation: Cretaceous
Location: Texas

— **calvini** (Clark) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 175, Lám .XLIII, figs. 3–5, 8; Lám. XLIV, figs. 1–8; Lám. XLV, figs. 1–3, 5
Formation: Cretaceous, Cenomanian
Location: Cerro Muleros

— **calvini** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 91, pl. XLVII, figs. 2a–i
Formation: Cretaceous, Washita, Shoal Creek type
Location: Texas

— **calvini** (Clark) Whitney
Bull. Amer. Pal. No. 26, 1916, p. 18, pl. VIII, figs. 4–7; pl. IX, figs. 1–3
Formation: Cretaceous, Buda
Location: Austin and Manchaca

— **calvini** (Clark) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 114, pl. V, figs. 1, 2, 4; pl. VI, fig. 3, pl. VIII, fig. 6
Formation: Cretaceous, Weno to Buda
Location: Texas

— **calvini** (Clark) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 54, pl. VIII, figs. 1, 2
Formation: Cretaceous, Washita
Location: North Texas

— **commanchei** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 90, pl. XLVI, figs. 2a–d
Formation: Cretaceous, Glen Rose
Location: Austin, Texas

— **dalli** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 89, pl. XLVIII, figs. 2a–e
Formation: Cretaceous, Washita
Location: Texas

— **dalli** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 90, pl. XLVII, figs. 1a–f
Formation: Cretaceous, Washita
Location: Bexar county, Texas

— **delawarensis** n. sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 751, pl. XLVII, figs. 11–14

Formation: Cretaceous, Matawan
Location: Delaware

— **elegans** (Shumard) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 88, pl. XLI; figs. 1a–c; pl. XLII, figs. 1a–h; pl. XLIII, figs. 1a–f
Formation: Cretaceous, Washita
Location: Fort Washita, and Fort Worth, Texas

— **elegans** (Shumard) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 53, pl. VIII, figs. 3, 4
Formation: Cretaceous, Duck Creek and Fort Worth limestone
Location: North Texas

— **humphreysanus** (Meek and Hayden) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 88, pl. XLVIII, figs. 1a–f
Formation: Cretaceous, Fort Pierre
Location: Montana

— **humphreysanus** (M. and H.) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 95, pl. XLIX, figs. 2a–f
Formation: Cretaceous, Montana group, Pierre Shale
Location: Montana

— **kummeli** n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 303, pl. XVII, figs. 1–3
Formation: Cretaceous, Woodbury clay
Location: Lorillard, New Jersey

— **kummeli** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 97, pl. LII, figs. 1a–c
Formation: Cretaceous, Matawan
Location: Near Keyport, New Jersey

— **lacunosus** n. sp. Slocom
Field Col. Mus. Nat. Hist. Geol. Series, Pub. 134, vol. 4, No. 1, 1909, p. 10, pl. II, figs. 1–7
Formation: Cretaceous, Ripley
Location: Mississippi

— **lacunosus** (Slocom) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 97, pl. L, figs. 2a–d; pl. LI, figs. 1a–i
Formation: Cretaceous, Ripley
Location: Pontotoc and Houston, Mississippi

— **parastatus** (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 83, pl. XLV, figs. 1a–m
Formation: Cretaceous, Ripley
Location: New Jersey; Alabama

— **parastatus** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 298, pl. XV, figs. 1–13
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **parastatus** (Morton) Slocum
Field Col. Mus. Nat. Hist. Geol. Series, Pub. 134, vol. 4, No. 1, 1909, p. 9, no pl.
Formation: Cretaceous, Ripley
Location: Mississippi

— **parastatus** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 92, pl. XLVIII, figs. 1a–n
Formation: Cretaceous, Rancocas, Ripley

Location: New Jersey; Alabama

— **riovistae** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 115, pl. VI, fig. 4; pl. VIII, figs. 2, 3, 5
Formation: Cretaceous, Weno
Location: Riovista, Texas

— **species B** Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 53, pl. VIII, figs. 7–9
Formation: Cretaceous, Goodland limestone
Location: North Texas

— sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 232, pl. XX, figs. 6–10
Formation: Cretaceous, Cenomanian
Location: Mexico

— sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 752, no pl.
Formation: Cretaceous, Matawan
Location: Delaware

— **stella** (Mort.) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 84, pl. XLVI, figs. 1a–d
Formation: Cretaceous
Location: New Jersey

— **stella** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 300, pl. XVI, figs. 1–4
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **stella** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 93, pl. XLVIII, figs. 2a–d
Formation: Cretaceous, Rancocas
Location: New Jersey

— **texanus** (Roemer) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 86, pl. XLVII, figs. 1a–i
Formation: Cretaceous
Location: Texas

— **texanus** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 155, no pl.
Formation: Cretaceous
Location: Travis and Medina counties, Texas

— **texanus** (Roemer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 94, pl. XLIX, figs. 1a–j
Formation: Cretaceous, Austin chalk
Location: Texas

— **ungula** (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 85, pl. XLVI, figs. 2a–g
Formation: Cretaceous
Location: New Jersey

— **ungula** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 301, pl. XXI, figs. 5–11
Formation: Cretaceous, Vincentown limesand
Location: Timber creek, New Jersey

— **ungula** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 93, pl. XLVIII, figs. 3a–g
Formation: Cretaceous, Rancocas
Location: New Jersey

— **vancouverensis** n. sp. Whiteaves
Amer. Jour. Sci. ser. 4, vol. 18, 1904, p. 289, no pl.
Formation: Cretaceous, Nanimo group
Location: Vancouver Island, B. C.

— **welleri** n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 302, pl. XVII, figs. 4–6
Formation: Cretaceous, Merchantville clay marl
Location: New Jersey

— **welleri** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 98, pl. LII, figs. 2a–c
Formation: Cretaceous, Monmouth
Location: New Jersey

— **whitei** (Clark) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 53, no pl.
Formation: Cretaceous, Goodland to Fort Worth limestone
Location: North Texas

— **whitei** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, p. 89, pl. XLIII, figs. 2a–c; pl. XLIV, figs. 1a–h; pl. XLV, figs. 1a–d, 2a–f
Formation: Cretaceous, Fredericksburg and Washita
Location: Texas

Hemicidaris intumescens (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 44, pl. XII, figs. 1a–i
Formation: Jurassic
Location: California

— **intumescens** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 31, pl. IV, figs. 4a–i
Formation: Jurassic, Monnon Sandstone
Location: Plumas county, California

Hemientolium ? sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 416, no pl.
Formation: Triassic
Location: Sailor's Canyon, California

— **charltoni** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 50, no pl.
Formation: Cretaceous, Washita, Choctaw limestone
Location: Denison, Texas

Hemipedina charltoni (Cragin) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 57, no pl.
Formation: Cretaceous, Washita
Location: Grayson county, Texas

Hercorhynchus jerseyensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 737, pl. LXXXV, figs. 18–22
Formation: Cretaceous, Cliffwood
Location: New Jersey

Hercoglossa paucifex (Cope) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 246, pl. XXXIX, fig. 1
Formation: Cretaceous, Middle Green Marls
Location: New Jersey

— **paucifex** (Cope) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 246, pl. XXIX, fig. 1
Formation: Cretaceous, Marls
Location: Glassboro, Gloucester county, New Jersey

— **paucifex** (Cope) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 815, pl. CII, fig. 1
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

Heteroceras angulatum (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 514, pl. CVIII, fig. 2
Formation: Cretaceous, Fort Pierre Shales
Location: Kansas

— **ceratopse** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 91, pl. III, figs. 100, 101
Formation: Cretaceous
Location: Phoenix, Oregon

— **cochleatum** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 512, pl. CVII, fig. 2
Formation: Cretaceous, Fort Pierre Shales
Location: Butte Creek, Kansas

— **conradi** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 833, pl. CVIII, figs. 5–8
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **conradi** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 269, pl. XLV, figs. 9–14
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **conradi** (Morton) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 269, pl. XLV, figs. 9–14
Formation: Cretaceous, Lower Green Marls
Location: Arneytown, New Jersey

— **elongatum** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 331, pl. XLIV, fig. 2
Formation: Cretaceous
Location: Vancouver Islands

— **hornbyense** (nom. prov.) Whiteaves
Can. Rec. Sci., vol. 6, 1895, p. 316
Formation: Cretaceous
Location: Horby Island, British Columbia

— **hornbyense** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 332, pl. XLII, figs. 1, 2, 3, 4
Formation: Cretaceous
Location: Hornby Island

— **nebrascense** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–96, pl. LXIV
Formation: Cretaceous, Tepee zone of Pierre shale
Location: East Colorado

— **perversum** (nom. prov.) Whiteaves
Can. Rec. Sci., vol. 6, 1895, p. 317
Formation: Cretaceous
Location: Hornby Island, British Columbia

— **simplicostatum** Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 16, 1902, p. 68, pl. XXIII–XXVII
Formation: Cretaceous

Location: Buffalo Gap, South Dakota Black Hills
— sp. Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 297, pl. LI, fig. 4
Formation: Cretaceous
Location: Bienville Parish, Louisiana
Heterodiadema ornatum (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 56, pl. XVIII, figs. 2a–f
Formation: Cretaceous, Washita
Location: Fort Worth, Texas
Heteropora pervicella (Gabb & Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 327, pl. XXIII, fig. 1, 2
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Himeraelites — see Monopleura
Hindsia nodulosa Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 357, pl. XLIII, fig. 2
Formation: Cretaceous
Location: Vancouver Island
Hippothoa tennichorda (U. & B.) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 745
Formation: Cretaceous, Rancocas
Location: Delaware
Hippocampoides n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 466
— **serratus** n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 68, 1916, p. 467, pl. XXIV, figs. 11, 12, 13
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Hippurites flabellifer n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 190, pl. XXXVIII, fig. 3; pl. XL, fig. 1
Formation: Cretaceous, Caprina limestone
Location: Texas
Holaster completus n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 155, pl. XXIV, fig. 10; pl. XXV, fig. 14; pl. XXVII, figs. 6–8
Formation: Cretaceous
Location: Grayson county, Texas
— **nanus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 156, pl. XXIV, fig. 14; pl. XXV, fig. 11
Formation: Cretaceous, "Vola bed"
Location: Texas
— sp. aff. **simplex** (Shumard) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 104, no pl.
Formation: Cretaceous, Weno and Pawpaw
Location: Texas
— **simplex** (Shumard) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 157, pl. XXV, fig. 13
Formation: Cretaceous, Fort Worth limestone
Location: Texas
— **simplex** (Shumard) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 76, pl. XXXVIII, figs. 1a–g; pl.

XXXIX, figs. 1a–d
Formation: Cretaceous, Washita
Location: Texas

— **simplex** (Shumard) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 85, pl. XXXIV, figs. 3a–b; pl. XXXVIII, figs. 1a–j; pl. XXXIX, figs. 1a–g
Formation: Cretaceous, Washita
Location: Texas; Oklahoma

— **simplex** (Shumard) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 51, pl. IX, figs. 18, 19; pl. VIII, figs. 5, 6
Formation: Cretaceous, Duck Creek and Fort Worth
Location: North Texas

—**supernus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 157, no pl.
Formation: Cretaceous
Location: Texas

Holcodiscus cumshewaensis Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 278, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **laperousianus** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 278, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— cfr. **theobaldianus** (Stol.) Anderson
Cal. Acad. Sci. Proc., 3d ser., vol. 2, No. 1, p. 101, 1902, pl. V, figs. 126, 127; pl. X, fig. 197
Formation: Cretaceous
Location: California

Holcostephanus juv. aff. **pronus** (Oppel.) sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 127, Lám. XXXV, figs. 4–6
Formation: Jurassic, Portlandian
Location: San Pedro del Gallo, Durango

Holectypus charltoni n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 158, pl. XXIV, figs. 8, 9
Formation: Cretaceous, Arietina beds
Location: Texas

— **cragini** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 34, pl. V, fig. 4
Formation: Jurassic, Malone
Location: Malone Mountains, Texas

— **limitis** n. sp. Böse
Inst. Geol. de México, Bol. 25, p. 159, 1910, Lám. XXXVI, figs. 3–6; Lám. XXXVII, figs. 1–8; Lám. XXXVIII, figs. 1, 2
Formation: Cretaceous, Lower Cenomanian
Location: Cerro Muleros, Mexico

— **limitis** (Böse) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 103, no pl.
Formation: Cretaceous
Location: North Texas

— **limitis** (Boese) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 51, pl. IX, figs. 1, 3
Formation: Cretaceous, Washita

Location: North Texas
— **pealei** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 33, pl. V, figs. 3a–b
Formation: Jurassic
Location: Yellowstone National Park, Wyoming
— **planatus** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 159, no pl.
Formation: Cretaceous, Fredericksburg series
Location: Texas
— **planatus** (Roemer) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 58, pl. XXIII, figs. 2a–f
Formation: Cretaceous, Washita
Location: Texas
— **planatus** (Roemer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 65, pl. XXV, figs. 2a–f; 3a–c, 4; pl. XXVI, figs. 1a–e
Formation: Cretaceous
Location: Texas
— **planatus** ? (Roemer) Whitney
Bull. Amer. Pal. No. 26, 1916, p. 12, pl. VII, figs. 1–5
Formation: Cretaceous, Buda
Location: Austin, Texas
— **planatus** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 50, pl. IX, fig. 2
Formation: Cretaceous, Top of Fredericksburg
Location: North Texas
— ? sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 35, no pl.
Formation: Jurassic
Location: Malone Mountain, Texas
— **transpecocensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 160, pl. XXVII, figs. 3–5
Formation: Cretaceous
Location: Sierra Blanca and Castle Mountains, Hudspeth county, Texas
Holocraspedum n. gen. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 190, no pl.
Formation: Cretaceous
Location: Texas
Homerites — see **Halorites**
— (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 42, no pl.
Formation: Triassic
— **semiglobosus** (Hauer) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VI, figs. 16–21
Formation: Upper Triassic
Location: California
Homolopsis (Bell) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 266, no pl.
— Woodward
Geol. Soc. London Quart. Journ. vol. 52, 1896, p. 224
— **punctata** n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 388, pl. XXXIII, figs. 1–3

Formation: Cretaceous, Pierre Shale
Location: Carson county, South Dakota

— **richardsoni** n. sp. Woodward
Geol. Soc. London Quart. Jour., vol. 52, 1896, p. 224, fig. 3
Formation: Cretaceous
Location: Queen Charlotte Islands

— **richardsoni** (Woodward) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 266, no pl., fig. 13
Formation: Cretaceous
Location: Queen Charlotte Islands

Homomya austinensis n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 29, pl. XVI, figs. 1–3
Formation: Cretaceous
Location: Austin, Texas

— **Bravoensis** Böse n. sp.
Inst. Geol. de México, Bol. 25, 1910, p. 136, Lám. XXIX, figs. 5, 6
Formation: Cretaceous, Vraconian
Location: Cerro de Muleros, Mexico

— **budaensis** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 15, pl. III, figs. 1, 2; pl. IV, figs. 1, 2
Formation: Cretaceous, Buda
Location: Austin, Texas

— **budaensis** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 15, pl. III, figs. 1, 2; pl. IV, figs. 1, 2
Formation: Cretaceous, Buda limestone
Location: Austin, Texas

— **concentrica** (Gabb) Merriam
Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon

— **gallatinensis** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 625, pl. LXXIV, figs. 6, 7
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **aff. Ligeriensis** (D'Orb.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 137, Lám. XXIX, figs. 1–4
Formation: Cretaceous, Lower Cenomanian
Location: Cerro Muleros, Mexico

— **jurafacies** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 191, pl. XXXIX, figs. 1, 2
Formation: Cretaceous, Alternating beds
Location: Texas

— **solida** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 191, pl. XXXIX, figs. 3, 4
Formation: Cretaceous, Alternating beds limestone
Location: Texas

— ? sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 37

Formation: Triassic
Location: Hutinsel im Bayfjord

— **vulgaris** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 29, pl. XVI, figs. 4, 5; pl. XVII
Formation: Cretaceous
Location: Austin, Texas

— **washita** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 59, no pl.
Formation: Cretaceous, Grayson marl
Location: Near Denison, Texas

Hoplites angulatus n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 80, pl. XVIII, figs. 3, 4
Formation: Cretaceous, Knoxville beds
Location: California

— **bifurcatus** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 42, Lám. XX, fig. 1
Formation: Jurassic
Location: Mexico

— **calisto** var. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 38, Lám. XI, fig. 2
Formation: Jurassic
Location: Mexico

— **calisto** var. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 39, Lám. XXII, fig. 2
Formation: Jurassic
Location: Mexico

— **cfr. calistoides** (Behrendsen) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 139, Lám. XXXIX, figs. 5, 6
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **canadensis** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., vol. 10, sec. 4, 1892, p. 118, pl. XI, figs. 3, 3a, 4, 5
Formation: Cretaceous
Location: District of Athabasca, Canada

— **cohglani** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 40, Lám. XXI, fig. 1; Lám. XXII, fig. 1
Formation: Jurassic
Location: Mexico

— **crassiplicatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 81, pl. XVIII, fig. 8
Formation: Cretaceous, Knoxville
Location: California

— **dilleri** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 82, pl. XVIII, figs. 6, 7
Formation: Cretaceous, Knoxville beds
Location: California

— **exceptionalis** n. sp. Aguilera
Com Geol. de México, Bol. 1, 1895, p. 43, Lám. XX, fig. 2
Formation: Jurassic
Location: Mexico

— **Haidaquensis** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 279
Formation: Cretaceous, Lower Shales
Location: Queen Charlotte Islands
— **Haidaquensis** n. sp. Whiteaves
Can. Rec. Sci., vol. 5, 1893, p. 444, pl. VII, figs. 2, 2a, 2b
Formation: Cretaceous
Location: Queen Charlotte Islands
— **Heilprini** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 41, Lám. XXII, fig. 7
Formation: Jurassic
Location: Mexico
— **hyatti** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 79, pl. XVI, fig. 2
Formation: Cretaceous, Knoxville beds
Location: Oregon
— cfr. **hystricoides** (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 187, Lám. XL, figs. 4; Lám. XLI, figs. 4, 5
Formation: Cretaceous
Location: Mazapil. Mexico
— **mexicanus** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 41, Lám. XV
Formation: Jurassic
Location: Mexico
— sp. aff. **michaelis** (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 186, Lám. XL, fig. 5; Lám. XLI, figs. 1, 2
Formation: Cretaceous
Location: Mazapil. Mexico
— **microcanthus** (Oppel) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 141, Lám. XXXVI, figs. 1–3, 9
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
— aff. **microcanthus** (Oppel. sp.) Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 54, Lám. XVIII, figs. 5–9
Formation: Jurassic
Location: Torres, Mexico
— cfr. **neocomiensis** (d'Orb.) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 188, Lám. XLI, figs. 3, 6
Formation: Cretaceous
Location: Mazapil. Mexico
— **newcombii** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 281, pl. XXXVII, figs. 1, 1a
Formation: Cretaceous
Location: Queen Charlotte Islands
— **roemeri** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 234, pl. XLIV, figs. 4, 5
Formation: Cretaceous, Dinosaur Sands
Location: Texas
— sp. ? Aguilera

Com. Geol. de México, Bol. 1, 1895, p. 42, Lám. XVIII
Formation: Jurassic
Location: Mexico

— **storrsi** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 79, pl. XVII, figs. 1, 2; pl. XVIII, fig. 5
Formation: Cretaceous, 3,000 ft. below the top of the Knoxville beds
Location: California

— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 140, Lám. XXXVIII, figs. 1–5
Formation: Jurassic, Portlandian
Location: Mazapil. Mexico

— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 135, Lám. XXXIV, figs. 15–18; Lám. XXXVII, figs. 3, 4
Formation: Jurassic, Portlandian
Location: Mazapil. Mexico

— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 142, Lám. XXXVI, figs. 4–6
Formation: Jurassic, Portlandian
Location: San Pedro, Durango

— **texanus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 235, pl. XLIV, figs. 1, 2
Formation: Cretaceous, Vola limestone and Arietina clay
Location: Texas

— cfr. **thurmanni** (Pict. et Camp) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 189, Lám. XLII, figs. 1, 2
Formation: Cretaceous
Location: Mazapil. Mexico

— **vancouverensis** (Meek sp.) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 339, no pl.
Formation: Cretaceous
Location: Sucia Islands

— **yakounensis** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 280, pl. XXXVI, figs. 1, 1a, 1b
Formation: Cretaceous
Location: Queen Charlotte Islands

Hoplitoides (v. Koenen emend Solgn et Pervinquiere) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 225, no pl.
Formation: Cretaceous, Lower Turonian
Location: Mexico

— aff. **mirabilis** (Pervinquiere) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 225, pl. XIX, figs. 1–3
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico

Hoploparia (McCoy) Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 115, no pl.
Formation: Cretaceous

— (McCoy) Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 361, no pl.

Formation: Cretaceous
— **bennetti** (Woodward) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 320, no pl.
Formation: Cretaceous
Location: Vancouver Islands
— **bennetti** n. sp. Woodward
Geol. Mag., n. s. decade 4, vol. 7, 1900, p. 433
Formation: Upper Cretaceous
Location: Comox River, British Columbia
— **browni** n. sp. Whitfield
Amer. Mus. Hist. Bull. No. 23, 1907, p. 459, pl. XXXVI, figs. 1–5
Formation: Cretaceous, Fox Hills
Location: Miles City, Montana
— **gabbi** n. sp. Pilsbry
Phila. Acad. Sci. Proc., vol. 53, 1901, p. 115, pl. I, figs. 11–14
Formation: Cretaceous, Lower Marl beds
Location: New Jersey
— **gabbi** Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 361, pl. X, figs. 1–4, 8, 9
Formation: Cretaceous, Matawan
Location: Delaware
— **gabbi** (Pilsbry) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 846, pl. CX, figs. 12–15
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **gladiator** (Pilsbry) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 848, pl. CX, figs. 16, 17
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **gladiator** n. sp. Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 116, pl. I, figs. 15, 16
Formation: Cretaceous
Location: New Jersey
— **gladiator** Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 362, pl. X, fig. 6
Formation: Cretaceous, Matawan
Location: Delaware
— **Westoni** n. sp. Woodward
Geol. Mag., n. s. decade 4, vol. 7, 1900, p. 433, figs. 1, a, b, c
Formation: Upper Cretaceous
Location: Northwest Territories
Hungarites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 127, no pl.
Formation: Triassic
— **fittingensis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 58, pl. XXIX, figs. 12–14; pl. XC, figs. 5–7
Formation: Triassic
Location: West Humboldt range, Nevada
— **yatesi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 129, pl. XX, figs. 1–4
Formation: Cretaceous
Location: California
— **yatesi** (Hyatt and Smith) Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 58, pl. I, figs. 1–4
Formation: Triassic
Location: Inyo range, Inyo county, California

Hungaritidae Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 127, no pl.
Formation: Triassic

Hyalina ? evansi (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **? occidentalis** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

Hydrobia occulta n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 57, pl. X, figs. 12, 13
Formation: Cretaceous, Bear River formation
Location: Near Cokeville, Wyoming

— **subconica** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 115, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **suscylindracea** (Whiteaves) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 115, no pl.
Formation: Cretaceous, Judith River beds

Hydrotribulus n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 464

— **nodosus** Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 465, pl. XXIV, figs. 4, 5
Formation: Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.

Hypodiadema elegans (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 52, pl. XIV, figs. 2a–b
Formation: Cretaceous, Ripley
Location: Pike county, Arkansas

Hypsipleura gregaria n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 70, pl. XIII, figs. 1, 2
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California

— **? occidentalis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 70, pl. XIII, figs. 3, 4
Formation: Cretaceous
Location: California

Hyllus n. gen. Wade
Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 281
See **Parafusus**

— **callilateris** n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 282, pl. XVII, figs. 5, 6
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, Owl Creek, McNairy Co., Tenn.

— **coloratus** n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 283, pl. XVII, figs.

3, 4
Formation: Upper Cretaceous
Location: Coon Creek, McNairy Co., Tenn.

Hymeraphia ? sp. Merrill
Amer. Mus. Nat. Hist. Bull., vol. 28, No. 1, 1896, p. 16, fig. 16
Formation: Cretaceous flint
Location: Texas

— sp. Merrill
Amer. Mus. Nat. Hist. Bull., vol. 28, No. 1, 1896, p. 17, fig. 19
Formation: Cretaceous flint
Location: Texas

Idmonea abbotti (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 321, pl. XXII, figs. 3, 4
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Idoceras n. gen. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 38
Formation: Jurassic

— Burckhardt Division into groups
Inst. Geol. de México, Bol. 29, 1912, p. 101
Formation: Jurassic

— (Burckhardt) Roig
Secretaria de Agr. Comercia y Trabajo Bol. Especial Habana, Cuba, 1920, p. 33
Formation: Jurassic

— **aguilerae** (Burckhardt) Roig
Secretaria de Agr. Comercia y Trabajo Bol. Especial Habana, Cuba, 1920, p. 33, pl. X, figs. 5 and 6
Formation: Jurassic, Kimeridgian
Location: Laguna de Piedra, Viñales

— **aguilerae** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 105, Lám. XXV, figs. 5, 7–9
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **aguilerae** (Burckhardt) Roig
Revista de Agricultura, Comercio y Trabajo, año 2, No. 12, 1919, p. 591, fig. 6, (no description)
Formation: Jurassic
Location: Viñales, Cuba

— **angermanni** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 113, Lám. XXX, figs. 4–6, 8
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **angermanni** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba 1920, p. 35, pl. X, figs. 7 and 7a
Formation: Jurassic, Kimeridgian
Location: Puerta del Ancón

— **balderum** (Oppel) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 55, Lám. XII, figs. 1–6
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— cfr. **balderum** (Loriol) sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 57, Lám. XIII, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **boesei** n. sp. Burckhradt
Inst. Geol. de México, Bol. 29, 1912, p. 117, Lám. XXIX, figs. 5, 7, 9–11
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **cajense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 64, Lám. XV, figs. 1–3
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **canelense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 50, Lám. XIV, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **complanatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 115, Lám. XXVIII, figs. 4, 6–8
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango, Mexico

— **cragini** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 118, Lám. XXX, figs. 1–3, 7
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango, Mexico

— aff. **Dedalum** (Gemmellaro sp) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 125, Lám. XXXIII, figs. 1–6
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **disciforme** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 120, Lám. XXXI, figs. 4–6, 8
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **durangense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 107, Lám. XXVI, figs. 1–6; Lám. XXVIII, figs. 1, 2
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **figueroae** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 60, Lám. X, figs. 4–7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— cfr. **hospes** (Neumayr sp.) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 46, Lám. X, figs. 8–10
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **humboldti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 44, Lám. IX, figs. 5–8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **inflatum** n. sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 65, Lám. VIII, figs. 5–8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **johnsoni** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 114, Lám. XXV, figs. 6, 10–12
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico
— **laxevolutum** (Font. sp.) var. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 48, Lám. X, figs. 1–3
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **lorioli** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 109, Lám. XXVIII, figs. 1–3, 5
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico
— **mexicanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 53, Lám. XI, figs. 9–12
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **mutabile** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 123, Lám. XXXII, figs. 1–5
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico
— **neogaeum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 51, Lám. XI, figs. 5–8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **neohispanicum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 111, Lám. XXIX, figs. 1–4; 6; 8
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico
— **plicomphalum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 121, Lám. XXXI, figs. 1–3, 7
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico
— **rotundus** n. sp. Roig
Secretaria de Agr. comercio y Trabajo Bol. Esp. Habana, Cuba, 1920, p. 38, pl. XI, figs. 3, 3a
Formation: Jurassic, Kimmeridgian
Location: Puerta del Ancón
— **santarosanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 58, Lám. XIV, figs. 5–7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **sautieri** (Bont.) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 103, Lám. XXV, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico
— **aff. sautieri** (Fontannes) Roig
Secretaria de Agri. Comercio y Trabajo, Bol. especial Habana,

Cuba, 1920, p. 36, pl. XI, fig. 1
Formation: Jurassic, Kimeridgian
Location: Camino del Ruiseñor, Ancón Viñales

— **soteloi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 52, Lám. IX, figs. 9–12
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **soteloi** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 37, pl. XI, fig. 2
Formation: Jurassic, Kimeridgian
Location: Puerta del Ancón, Viñales

— sp. (Stanton) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 39, pl. XI, fig. 4
Formation: Jurassic
Location: Puerta del Ancón

— sp. (Stanton) Roig
Secretaria de Agr. comercio y Trabajo Bol. Esp. Habana, Cuba, 1920, p. 39, pl. XI, fig. 5
Formation: Jurassic
Location: Puerta del Ancón

— **subdedalum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 63, Lám. XIII, figs. 5–8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **sub-malleti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 45, Lám. XI, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **tuttlei** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 109, Lám. XXVII, figs. 3–6
Formation: Jurassic, Kimeridgian
Location: Durango, Mexico

— **viverosi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 61, Lám. XV, figs. 4–7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **zacatecanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 42, Lám. IX, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

Idonearca (?) depressa (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 206, pl. XXV, figs. 2–7
Formation: Cretaceous
Location: Rio Puerco valley, New Mexico

Ilyocypris oblonga n. sp. Jones
Geol. Mag., dec. IV, vol. 2, 1895, p. 24, pl. II, figs. 5a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: South Branch Milk River, Alberta, Canada

Inoceramus acuteplicatus n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 634, pl. XXV, figs. 9, 10; pl. LXXVI, fig. 1

Formation: Cretaceaous, Dakota, Montana
Location: Yellowstone National Park
— **adunca** n. sp. Anderson
Can. Acad. Sci. Proc., 3d ser., vol. 2, No. 1, 1902, p. 73, pl. IX, figs. 188–9
Formation: Cretaceous
Location: Phoenix, Oregon
— **altus** (Meek) Logan
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 506, pl. CVII, fig. 1
Formation: Cretaceous, Fort Pierre Shales
Location: Rawlins county, Kansas
— **balchii** (M. & H.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 189, pl. II, fig. 16 (see Rep. U. S. Geol. Sur. Terr., vol. 9, p. 56)
Formation: Cretaceous, Fort Pierre
Location: New Mexico
— **balchii** (M. & H.) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 117, pl. II, fig. 16
Formation: Cretaceous, Fort Pierre
Location: Achavica Arroyo, New Mexico
— **barabini** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 295, pl. LI, fig. 2
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville parish, Louisiana
— **barabini** (Mort.) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 37, Lám. III, fig. 7; Lám. IV, fig. 1
Formation: Cretaceous, Upper Senonian
Location: Coahuila, Mexico
— **brownii** (Cragin) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 489, no pl.
Formation: Cretaceous
Location: Osborne county, Kansas
— **comancheana** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 53, no pl.
Formation: Cretaceous, Basal Washita
Location: Near Denison, Texas
— **comancheanus** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 73, pl. XVII, figs. 1–3
Formation: Cretaceous, Duck Creek
Location: North Texas
— **concentricus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 490, pl. CXVI, fig. 1
Formation: Cretaceous, Pteranodon horizon
Location: Kansas
— **concentricus** (Parkinson) Whiteaves
Geol. Sur. Canada, Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 297, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
— **confertim-annulatus** (Roemer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 427, pl. XXIX, figs. 2–5

Formation: Cretaceous, Navesink marl
Location: New Jersey; Texas

— **confertim-annulatus** (Roemer) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 547, no pl.
Formation: Cretaceous, Monmouth, Austin
Location: Maryland; Texas

—**conradi** (H. & M.) Stanton
U. S. Geol. Sur. Bull. 106, p. 86, 1893, no pl.
Formation: Cretaceous, Fort Benton shales
Location: Missouri River, Missouri

— **cripsii** var. **barabini** (Morton) Johnson
School of Mines Quart., vol. 24, 1903, p. 190, pl. V, fig. 22
Formation: Cretaceous, Fort Pierre Age
Location: Madrid, New Mexico

— **cripsii** var. **barabini** (Morton) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 118, pl. V, fig. 22
Formation: Cretaceous, Fort Pierre age
Location: Madrid, New Mexico

— **cripsii** (Goldf.) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 28, Lám. II, fig. 8
Formation: Cretaceous, Upper Senonian
Locality not given

— **crispii** var. **barabina** (Morton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 504, pl. CIX, fig. 2
Formation: Cretaceous, Fort Pierre shales
Location: Kansas

— **crispii** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–96, pl. LXV
Formation: Cretaceous, Pierre shales
Location: East Colorado

— **cumminsi** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 192, pl. XXVI, figs. 1, 2; pl. XXXVII
Formation: Cretaceous
Location: Mexico

— **deformis** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 486, pl. XCII, fig. 2
Formation: Cretaceous
Location: Kansas

— **deformis** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 85, pl. XIV, fig. 1; pl. XV, figs. 1, 2
Formation: Cretaceous, Niobraro limestone; Austin limestone
Location: Colorado; Kansas; Nebraska; Texas

— **deformis** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–96, pl. LX
Formation: Cretaceous, Timpas
Location: East Colorado

— **deformis** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVII, fig. 1, (no description)
Formation: Cretaceous

Location: Albuquerque, New Mexico
— **digitatus** (Sowerby) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 121
Formation: Cretaceous
Location: Comax River, Vancouver
— **digitatus** (Sowerby) (Schmidt) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 395, no pl.
Formation: Cretaceous
Location: Vancouver Islands
— **dimidius** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 78, pl. X, figs. 5, 6
Formation: Cretaceous, Colorado
Location: New Mexico; Colorado
— **dimidius** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 452, pl. XCVIII, figs. 5, 6
Formation: Cretaceous, Septaria horizon
Location: Kansas
— **dimidius** (White) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 188, pl. II, fig. 18
Formation: Cretaceous, Fort Benton
Location: New Mexico
— **dimidius** (White) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 116, pl. II, fig. 18
Formation: Cretaceous, Fort Benton
Location: Cerillo, New Mexico
— **dimidius** var. **labiatoides** n. var. Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 61
Formation: Cretaceous, Fort Benton
Location: New Mexico
— **dowlingi** n. sp. McLearn
Canada Dept., Mines Mus. Bull., No. 29, 1919, p. 11, pl. III, figs. 7, 8
Formation: Cretaceous, Clearwater formation
Location: Athabaska River, Alberta, Canada
— **exogyroides** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 83, pl. XVII, figs. 1, 2
Formation: Cretaceous, Fort Benton group
Location: Missouri; Montana
— **exogyroides** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 450, pl. LXXXVII
Formation: Cretaceous, Fort Benton
Location: Kansas
— **flaccidus** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 80, pl. XIII, fig. 1
Formation: Cretaceous
Location: Pueblo, Colorado
— **flaccidus** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 485, pl. XC
Formation: Cretaceous, Niobrara
Location: Kansas
— **flaccidus** (White) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 634, no pl.
Formation: Cretaceous, Niobrara, Austin chalk

Location: Yellowstone National Park; Montana; Texas; Colorado

— **fragilis** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 454, pl. LXXXVIII
Formation: Cretaceous, Fort Benton limestone
Location: Kansas

— **fragilis** (H. & M.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXX; figs. 1, 2; pl. XXXIV, figs. 3, 4, 5
Formation: Cretaceous
Location: East of Caballo Mountains, New Mexico

— **fragilis** (H. & M.) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 76, pl. XI, figs. 1–5
Formation: Cretaceous, Fort Benton group
Location: Montana, Black Hills, South Dakota; New Mexico; Utah; Colorado

— **fragilis** (H. & M.) Johnson
School of Mines Quart,, vol. 24, No. 2, 1903, p. 187, pl. II, fig. 17, (See Bull. U. S. Geol. Sur. No. 106, p. 76)
Formation: Cretaceous, Fort Benton age
Location: New Mexico

— **fragilis** (H. & M.) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 115, pl. II, fig. 17
Formation: Cretaceous, Fort Benton
Location: Cerrillos, New Mexico

— **gilberti** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 79, pl. XIV, figs. 3, 4
Formation: Cretaceous, Fox Hills group
Location: Southern Utah

— **gilberti** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVII, fig. 3, (no description)
Formation: Cretaceous
Location: New Albuquerque, New Mexico

— **gilbertii** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 453, pl. XCII, figs. 1, 3
Formation: Cretaceous, Fort Benton limestone
Location: Kansas

— **incurvus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 505, no pl.
Formation: Cretaceous, Fort Pierre shales
Location: Rawlins county, Kansas

— **irregularis** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 190, pl. IV, figs. 21, a, b
Formation: Cretaceous, Fort Pierre age
Location: New Mexico

— **irregularis** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 118, pl. IV, figs. 21, a, b
Formation: Cretaceous, Fort Pierre age
Location: Achavica Arroyo, New Mexico

— **klamathensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 73, pl. IX, figs. 185–6
Formation: Cretaceous, Chico beds
Location: California; Oregon

— **labiatus** (Schlotheim) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 77, pl. X, fig. 4; pl. XIV, fig. 2
Formation: Cretaceous, Niobrara limestone; Fort Benton shales
Location: Kansas; Nebraska; Colorado; Utah; New Mexico; Texas; Northern Mexico

— **labiatus** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–6, pl. LVII
Formation: Cretaceous, Greenhorn
Location: California

— **labiatus** (Schlotheim) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 450–51, pl. XCII, fig. 4
Formation: Cretaceous, Fort Benton limestone
Location: Kansas

— **labiatus** (Schloth.) Herrick and Johnson
Denison Univ. Sci. Lab, Bull., vol. 11, art. 9, 1900, pl. XXXVII, fig. 2, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **labiatus** (Schlotheim) Shimer and Blodgett
Amer. Jour. Sci., 4th ser. Geol., vol. 25, 1908, p. 61
Formation: Cretaceous, Fort Benton or Niobrara
Location: New Mexico

— **labiatus** (Schlotheim) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 187, (See Bull. U. S. Geol. Sur., No. 106, p. 77)
Formation: Cretaceous
Location: New Mexico

— **labiatus** (Schlotheim) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 115
Formation: Cretaceous, Fort Benton
Location: Waldo, New Mexico

— **labiatus** (Schloth.) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 25, Lám. I, fig. 14; Lám. II, figs. 1–6; Lám. III, fig. 2
Formation: Cretaceous, Lower Turonian
Location: Chihuahua, Coahuila, Zacatecas, Mexico

— **labiatus** (Schlotheim) Böse
Univ. of Texas Bull., No. 1856, 1918, p. 229, pl. XX, fig. 5
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico

— **lucianus** n. sp. Davis
Jour. Geol. 1913, vol. 21, p. 455, fig. 2
Formation: Jurassic, Franciscan
Location: California

— **multistriatus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 192, no pl.
Formation: Cretaceous
Location: Burnet county, Texas

— **munsoni** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 55, no pl.
Formation: Cretaceous, Duck Creek limestone
Location: Near Denison, Texas

— **ovatus** n. sp. Stanton
U. S. Geol. Sur., Bull. 133, p. 47, 1895, pl. IV, fig. 15
Formation: Cretaceous, Knoxville beds
Location: California

— (Parkinson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 546, no pl.
Formation: Cretaceous
Location: Maryland

— **pennatus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 488, pl. CXVIII, fig. 2, pl. CXX, fig. 2
Formation: Cretaceous, Pterandon beds
Location: Kansas

— **platinus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 491, pl. CXVI
Formation: Cretaceous, Niobrara
Location: Kansas

— **proobliqua** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 428, pl. XXXVIII, fig. 4
Formation: Cretaceous, Navesink Marl
Location: New Jersey

— **proximus** (Toumey) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 454, pl. XL, figs. 1–6; pl. XLI, fig. 1
Formation: Cretaceous, Cliffwood clay; Merchantville marl; Marshalltown clay-marl
Location: New Jersey; Mississippi; Arkansas

— **quadrans** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 426, pl. XXXIX, fig. 1
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

— **sagensis** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–6, pl. LXVI
Formation: Cretaceous, Pierre shales
Location: East Colorado

— **sagensis** var. **nebrascensis** (Owen) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 506, pl. CIX, fig. 2
Formation: Cretaceous, Fort Pierre shales
Location: Kansas

— **simpsoni** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 79, pl. XII, fig. 1
Formation: Cretaceous, Fort Pierre age
Location: South Dakota

— **simpsonii** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 487, pl. XCVII
Formation: Cretaceous, Niobrara
Location: Kansas

— **simpsoni** (Meek) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 188, (See Bull. U. S. Geol. Sur., No. 106, p. 79)

Formation: Cretaceous, Fort Pierre age
Location: New Mexico

— **simpsoni** (Meek) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 116
Formation: Cretaceous, Fort Pierre
Location: Madrid, New Mexico

— **cfr. simpsoni** (Meek) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 36, Lám. I, fig. 6
Formation: Cretaceous, Lower Senonian
Location: Couvas, Mexico

— sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2nd ser., vol. 1, sec. 4, 1895, p. 113, pl. 1
Formation: Cretaceous
Location: Comax River and Naniamo River, Vancouver

— sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXX, fig. 2, (no description)
Formation: Cretaceous
Location: Catallo Mountains, New Mexico

— n. sp. (?) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 190, pl. III, figs. 20a, b
Formation: Cretaceous, Fort Pierre age
Location: New Mexico

— n. sp. (?) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 118, pl. III, figs. 20a, b
Formation: Cretaceous, Fort Pierre age
Location: Madrid, New Mexico

— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 19, no pl.
Formation: Cretaceous
Location: Travis county, Texas

— sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 12, pl. I, fig. 5
Formation: Cretaceous, Buda
Location: Austin, Texas

— sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 12, pl. I, fig. 5
Formation: Cretaceous, Buda limestone
Location: Austin, Texas

— sp. indt. Pompeckj
Kais. Russ. Min. Gesell., St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 271
Formation: Jurassic
Location: Katmaiskoj, Alaska

— sp. indt. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 191
Formation: Cretaceous
Location: Grand Central Mountain, and Cerillos, New Mexico

— sp. indt. Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 119
Formation: Cretaceous
Location: Cerillos, New Mexico

— **subconvexus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 456, pl. CXVIII, fig. 1
Formation: Cretaceous, Fort Benton limestone
Location: Mitchell county, Kansas

— **subtriangulatus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 488, pl. CXX, fig. 1
Formation: Cretaceous, Hesperornis beds
Location: Gove county, Kansas

— **subundatus** (Meek) Whiteaves
Can. Roy. Soc. Proc. and Trans. 2d ser., vol. 1, sec. 4, 1895, p. 112
Formation: Cretaceous
Location: Naniamo River, Vancouver

— **subundatus** (Meek) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 397, no pl.
Formation: Cretaceous
Location: Vancouver Islands

— **tenuirostratus** (M. & H.)
U. S. Geol. Sur. Bull. 106, 1893, p. 83, pl. XVI, figs. 3, 4
Formation: Cretaceous, Fort Benton group
Location: Montana

— **tenuirostratus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 455, pl. XCV, figs. 3, 4
Formation: Cretaceous, Septaria horizon
Location: Kansas

— **truncatus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 492, pl. CXIV
Formation: Cretaceous
Location: Kansas

— **umbonatus** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 81, pl. XVIII, figs. 1, 2
Formation: Cretaceous, Fort Benton group; Austin limestone
Location: Missouri River; Texas; Montana

— **umbonatus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 454, pl. LXXXIX
Formation: Cretaceous, Fort Benton limestone
Location: Kansas

— **umbonatus** (M. & H.) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 634, no pl.
Formation: Cretaceous, Coloradoan, Austin chalk, Niobara
Location: Yellowstone National Park; Montana; Texas; Colorado

— **undabundus** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 84, pl. XVI, figs. 1, 2
Formation: Cretaceous, Fort Benton group
Location: Montana

— **undabundus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 455–56, pl. XCV, figs. 1, 2
Formation: Cretaceous, Fort Benton limestone
Location: Kansas

— **undabundus** (M. & H.) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 634, no pl.
Formation: Cretaceous, Coloradoan, Niobrara, Austin chalk
Location: Yellowstone National Park; Colorado; Texas; Montana

— **vancouverensis** (Shum.) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 111
Formation: Cretaceous
Location: Naniamo River, Vancouver

— **vancouverensis** (Shumard) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 398,. no pl.
Formation: Cretaceous
Location: Vancouver Islands

— **vanuxemi** (M. & H.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 189, pl. III, fig. 19. (See Rep. on Geol. of Black Hills of Dakota, p. 96)
Formation: Cretaceous, Fort Pierre age
Location: New Mexico

— **vanuxemi** (M. & H.) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 117, pl. III, fig. 19
Formation: Cretaceous, Fort Pierre age
Location: Madrid, New Mexico

Inyoites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40 , 1905, p. 134, no pl.
Formation: Triassic
Location: Inyo county, California

— **oweni** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 134, pl. VI, figs. 1–16, pl. LXIX, figs. 1–9, pl. LXXVIII, figs. 1–8
Formation: Triassic
Location: Inyo county, California

— **oweni** (Hyatt and Smith) Smith
Leland Stanford Jr., Univ. Pub. 1914, pl. IX, figs. 8–13
Formation: Lower Triassic
Location: California

Isastrea cowichanensis n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 429, pl. XLI, fig. 11
Formation: Jurassic
Location: Cowichan Lake, Vancouver Island

— **voncouverensis** n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 430, pl. XL, fig. 8, pl. XLII, fig. 17
Formation: Jurassic
Location: Cowichan Lake, Vancouver Island

— **whiteavesi** n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 429, pl. XL, figs. 9, 10
Formation: Jurassic
Location: Cowichan Lake, Vancouver Island

Isocardia cliffwoodensis n. sp. Weller
Geol. Sur. N. J. Ann. Rept., 1904, p. 135, pl. XV, figs. 1, 2, 3, Journ. Geol., vol. 13, 1905, p. 326, figs. 1, 2, 3
Formation: Cretaceous
Location: New Jersey

— **cliffwoodensis** (Weller) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 598, pl. LXVI, figs. 10–12
Formation: Cretaceous, Woodbury clay, Cliffwood clay, Weno-

nah sand
Location: New Jersey
— **conradi** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 599, pl. LXVI, figs. 13, 14
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **(?) fraterna** (Say) [Harris]
Bull. Amer. Pal., vol. 1, No. 5, 1896, p. 319, pl. XI, fig. 1
No formation given
— **humilis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 193, no pl.
Formation: Cretaceous, Eagle Ford shale
Location: Grayson county, Texas
— **(?) medialis** (Conrad) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 31, pl. II; figs. 4, 5; pl. III, fig. 6
Formation: Cretaceous, Glen Rose
Location: Texas; Arkansas
— **medialis** (Conrad) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 27, pl. XIV, figs. 4, 5; pl. XV, figs. 1, 2
Formation: Cretaceous, School Creek
Location: Austin, Texas
— **tintonensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 599, pl. LXVI, fig. 9
Formation: Cretaceous, Tinton beds
Location: New Jersey
Isocrinus argenteus n. sp. Bather
Geol. Soc. London, Quart. Journ., vol. 73, 1918, p. 254
Formation: Triassic
Location: Alaska
— **californicus** Clark n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 21, pl. I, figs. 2a–c
Formation: Triassic
Location: Shasta and Plumas counties, California
— **cupreus** n. sp. Bather
Geol. Soc. London, Quart. Journ., vol. 73, 1918, p. 255, (fig. 14, p. 248)
Formation: Triassic
Location: Copper River region, Alaska
— **gravinae** n. sp. Bather
Geol. Soc. London, Quart. Journ., vol. 73, 1918, p. 256, (fig. 15, p. 248)
Formation: Triassic
Location: Near Dall Head, Gravina Island, Alaska
— **knighti** n. sp. Springer
U. S. Nat. Mus. Proc., vol. 36, 1909, p. 180, pl. IV
Formation: Jurassic, Shirly stage
Location: Wyoming
— **knighti** (Springer) Clark and Tiwtchell
U. S. Geol. Sur., Mon. 54, 1915, p. 25, pl. II, figs. 1–13; pl. III, figs. 1a–d
Formation: Jurassic, Sundance
Location: Medicine Bow and Red Buttes, Wyoming

— **smithi** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 21, pl. I, figs. 1a–b
Formation: Triassic
Location: Bear Lake county, Idaho
— sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 22, no pl.
Formation: Triassic
Location: Pahute range, Nevada
Joannites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 76, no pl.
Formation: Triassic
— **nevadanus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 76, pl. XXIV, figs. 5–7
Formation: Triassic
Location: Nevada
Juvavites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 45, no pl.
Formation: Triassic
— **(Anatomites) mojsvari** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 9, Lám. I, figs. 2a, 2b; Lám. VI, fig. 1
Formation: Triassic
Location: Puente del Ahogado, Zactecas, Mexico
— **(Anatomites) subintermittens** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 47, pl. XXX, figs. 3–5
Formation: Triassic, Karnic
Location: Shasta county, California
— **subinterruptus** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 46, pl. XXX, figs. 1, 2
Formation: Triassic
Location: Shasta county, California
Kepplerites Tychonis sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 490, pl. XXXVII, fig. 1
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island, Greenland
— **Tychonis** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 490, pl. XXXVII, fig. 1
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island, Greenland
Kingena occidentalis n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 404, pl. LI, figs. 7, 7a
Formation: Cretaceous
Location: Vancouver Island
— sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 78, pl. XIX, figs. 3–12
Formation: Cretaceous, Washita
Location: North Texas
Koninckites — see **Meekoceras**
Koninckites (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 148, no pl.
Formation: Triassic
— (Waagen) Smith

Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1898, p. 375, no pl.
Formation: Triassic

Kossmatia (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 131
Formation: Jurassic

— (Uhlig) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba 1920, p. 43
Formation: Jurassic

— **interrupa** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 134, Lám. XXXIV, figs. 2–3, 15
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango, Mexico

— **pectinata** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 135, Lám. XXXIV, figs. 1, 7–10, 14
Formation: Jurassic, Portlandian
Location: Cerro de las Liebres, Durango, Mexico

— **zacatecana** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 136, Lám. XXXI, figs. 4–6, 11–13, 16, 17, 20
Formation: Jurassic, Portlandian
Location: Santa Rosa, Mexico

— **zacatecana** (Burckhardt) Roig
Secretaria de Agricultura Comercio y Trabajo Bol. Especial Habana, Cuba 1920, p. 44
Formation: Jurassic, Portlandian
Location: Puerta de Ancón, Cuchillos de Jóse, Rivera, Laguna de Piedra

Lagena aspera (Reuss) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 35, pl. D, fig. 1
Formation: Cretaceous
Location: Nebraska

— **favosa punctata** (Brady) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 36, pl. B. figs. 3–6
Formation: Cretaceous
Location: Minnesota

— **globosa** (Montague) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 34, no pl.
Formation: Jurassic to Recent, Rancocas
Location: New Jersey

— **globosa** (Montague) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 202, pl. I, figs. 35–37
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **globosa** (Montague sp.) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 101
Formation: Cretaceous
Location: Mullica Hill, New Jersey

— **hispida** (Reuss) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 35, pl. D, fig. 2

Formation: Cretaceous
Location: Minnesota
Lanceolites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 113, no pl.
Formation: Triassic
Location: Idaho
— **compactus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 113, pl. IV, figs. 4–10
Formation: Triassic
Location: Idaho
Lapeirousia — see **Radiolites**
Laxispira (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 484, no pl.
Formation: Cretaceous
— (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 147, no pl.
Formation: Cretaceous
— (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 147, no pl.
Formation: Cretaceous
— **lumbricalis** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 148, pl. XVIII, fig. 25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **lumbricalis** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 148, pl. XVIII, fig. 25
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
— **lumbricalis** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 296, pl. LI, fig. 3
Formation: Cretaceous
Location: Bienville parish, Louisiana
— **lumbricalis** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 706, pl. LXXXI, figs. 1, 2
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey and Southern States
— **lumbricalis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 485, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Delaware; Maryland; New Jersey; Mississippi
Lecanites (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 65, no pl.
Formation: Triassic
— (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 137, no pl.
Formation: Triassic
— **crassus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 66, pl. LXXXIX, figs. 1, 2
Formation: Triassic
Location: West Humboldt range, Nevada
— **Knechti** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 138, pl. IX, 1905, figs. 11–16
Formation: Triassic

Location: California
— **nudus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 66, pl. XCVIII, figs. 8–12
Formation: Triassic
Location: West Humboldt range, Nevada
— **parvus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 66, pl. XXX, figs. 25–27; pl. LXXXVIII, figs. 26–28
Formation: Triassic
Location: West Humboldt range, Nevada
— **vogdesi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p .139, pl. LX, figs. 12–22; pl. LXXV, figs. 10–13
Formation: Triassic
Location: Nevada
— **vogdesi** (Hyatt and Smith) Smith
Leland Stanford Junior Univ. Pub. 1914, pl. III, figs. 1–3
Formation: Middle Triassic
Location: Nevada
— **vogdesi** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 67, figs. 12–22; pl. XII, figs. 10–13; pl. XXX, figs. 17–24; pl. LXXXVIII, figs. 24, 25
Formation: Triassic
Location: West Humboldt range, Nevada
Leconteia n. gen Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 35, no pl.
Formation: Triassic
— **californica** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 35, pl. XXIX, figs. 3–21
Formation: Triassic
Location: Shasta county, California
— **californica** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. VI, figs. 11–15
Formation: Triassic
Location: California
Leda cliffwoodensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 377, pl. XXIX, figs. 24, 25
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
— **compressifrons** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 372, pl. XXIX, figs. 13–17
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **gabbana** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 378, pl. XXIX, figs. 28–30
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **gabbi** (Conrad) = **Leda protexta** ? (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1033, no pl.
Formation: Cretaceous, Tertiary transition
Location: California
— **glabra** n .sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 53, pl. VI, fig. 15

Formation: Cretaceous
Location: Tehama county, California
— **glabra** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1896, p. 53, pl. VI, fig. 15, p. 100
Formation: Cretaceous, Knoxville beds
Location: California
— (?) **harveyi** n .sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 25, pl. I, figs. 7, 8
Formation: Cretaceous, Glen Rose
Location: Glen Rose, Texas
— **lacryma** (Sowerby) Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 204, pl. IV, fig. 20
Formation: Jurassic
Location: Kap Stewart, east Greenland
— **mansfieldi** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 20, pl. I, fig. 8
Formation: Cretaceous, Cannonball
Location: Lark, N. Dakota
— **marlboroensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 374, pl. XXIX, figs. 18–23
Formation: Cretaceous, Wenonah sand
Location: New Jersey
— ? **navicula** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 55, pl. VI, fig. 13
Formation: Jurassic
Location: Malone, Texas
— **pinnaformis** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 373, pl. XXIX, fig. 27
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **protexta** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 375, pl. XXIX, fig. 26
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **(Phaenodesmia) regia** n. f. Kittl
Second Norwegian Arctic Exped., in the Fram, Rept., No. 7, 1907, p. 31, pl. II, fig. 11
Formation: Triassic
Location: Hutinsel im Bayfjord
— **rostratruncata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., p. 517, 1916, pl. XIX, figs. 8, 9
Formation: Cretaceous, Monmouth
Location: Maryland
— (Schumacher) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 515, no pl.
Formation: Cretaceous
Location: Maryland
— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 106
Formation: Cretaceous, Judith River beds
Location: Montana
— **tintonensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 379, pl. XXIX, figs. 31–34
Formation: Cretaceous, Tinton beds
Location: New Jersey

— **whitfieldi** n. sp. Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 516, pl. XIX, figs. 10–12
  Formation: Cretaceous, Monmouth, Matawan
  Location: Maryland; New Jersey
Legumen (Conrad) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 683, no pl.
  Formation: Cretaceous
  Location: Maryland
— (?) **appressum** (Conrad) Herrick and Johnson
  Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, p. 208, no pl.
  Formation: Cretaceous
  Location: Rio Puerco Valley, New Mexico
— **carolinense** (Conrad) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 685, no pl.
  Formation: Cretaceous, Matawan, Black Creek, Ripley
  Location: Maryland; North and South Carolina; Alabama
— **planatum** (Conrad) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 612, pl. LXIX, figs. 3–7
  Formation: Cretaceous
  Location: New Jersey; Alabama; Mississippi; Texas; Arkansas
— **planulatum** Harris and Veatch
  Geol. Sur. La. Rept., 1899, p. 296, pl. LI, fig. 1
  Formation: Cretaceous
  Location: Bienville parish, Louisiana
— **planulatum** (Conrad) Gardner
  Maryland Geol. Sur., U. Cret., p. 684, pl. XL, figs. 5–7
  Formation: Cretaceous
  Location: Southern United States
— sp. Stanton
  U. S. Geol. Sur. Bull. 106, 1893, p. 107, pl. XXIV, fig. 11
  Formation: Cretaceous
  Location: Poison canyon, Colorado
Leiocidaris hemigranosa (Shum.) Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 160, pl. XLVI, fig. 4
  Formation: Cretaceous, Denton marl
  Location: Denison, Texas
— **hemigranosus** (Shum.) Clark
  U. S. Geol. Sur. Bull. 97, 1893, p. 38, pl. VII, figs. 2a–d; pl. VIII, figs. 1a–b; pl. IX, figs. 1a–c
  Formation: Cretaceous, Washita
  Location: Texas
— **hemigranosus** (Shumard) Clark and Twitchell
  U. S. Geol. Sur., Mon. 54, 1915, p. 48, pl. X, figs. 1a–f; pl. XI, figs. 1a–b
  Formation: Cretaceous
  Location: Texas
— sp. Adkins
  Univ. of Texas Bull. No. 1856, 1918, p. 101, no pl.
  Formation: Cretaceous
  Location: Gainesville, Texas
— **hemigranosus** (Shumard) Adkins and Winton
  Univ. of Texas Bull. 1945, 1919, p. 49, pl. IX, fig. 6; pl. XX, fig. 3
  Formation: Cretaceous, Denton marl

Location: North Texas
Leioplacodes veternus (Meek) Logan
Kans. Univ. Quart., 1900, vol. 9, p. 132, pl. XXXI, fig. 5
Formation: Jurassic
Location: Freeze-out Hills, Wyoming
Leiostraca cretaca (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 671, pl. LXXV, figs. 15–17
Formation: Cretaceous
Location: New Jersey
— **cretacea** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 150, pl. XIX, figs. 2–5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **cretacea** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 150, pl. XIX, figs. 2–5
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
Lepralia aspera (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p .352, pl. XXVI, fig. 9
Formation: Cretaceous, Vincentown limestone
Location: New Jersey
Leptarbacia argutus (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 53, pl. XVI, figs. 1a–b
Formation: Cretaceous, Washita
Location: Fort Worth, Texas
Leptophyllia agassizi n. sp. Whiteaves
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 242, pl. XL, figs. 1–4
Formation: Cretaceous, Blue Mountain Series
Location: Solomon Mountain, Westmoreland Parish, Jamaica
— sp. No. 1, Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 39, pl. XXVII, figs. 9–11
Formation: Cretaceous
Location: Shoal Creek, Texas
— sp. No. 2, Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 39, pl. XXVII, figs. 7, 8
Formation: Cretaceous
Location: Shoal Creek, Texas
Leptosolen (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 703, no pl.
Formation: Cretaceous
— **biplicata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 624, pl. LXX, figs. 30, 31
Formation: Cretaceous
Location: New Jersey; Mississippi; Arkansas; Texas
— **biplicata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 703, pl. XLII, figs. 7, 8
Formation: Cretaceous
Location: Southern United States
— ? **elongata** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 627, pl. LXX, figs. 27, 28
Formation: Cretaceous
Location: New Jersey

— **elongata** (Weller) Gardner
Maryland Geol. Sur., U.Cret., 1916, p. 705, no pl.
Formation: Cretceous, Monmouth
Location: Maryland; New Jersey

— **otterensis** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 8, pl. I, fig. 2
Formation: Cretaceous
Location: Belvidere, Kansas

— ? **terminalis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 628, pl. LXX, fig. 29
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

Levifusus ? tormentarius Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 41, pl. VIII, figs. 2a, b; 3
Formation: Cretaceous, Cannonball
Location: Cannonball River near Kayser, N. Dakota; Lemmon, S. Dakota

Lichenopora papyracea (d'Orbigny) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 739, pl. XLVI, fig. 13
Formation: Cretaceous, Rancocas
Location: Delaware

— **papyracea** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 327, pl. XXII, fig. 20
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Lima (Bruguiere) (Cuvier) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 600, no pl.
Formation: Cretaceous
Location: Maryland

— **(Plagiostoma) azteca** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 36, Lám. I, figs. 3, 4, 7
Formation: Cretaceous, Senonian
Location: Mexico

— ? **boreas** n. f. Kittl
Second Norwegian Exped., in the Fram, Rept. No. 7, 1907, p. 25, pl. II, figs. 1, 2
Formation: Triassic
Location: Hutinsel im Bayfjord

— **(Mantellum) bravoensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 88, Lám. XIV, figs. 4–6
Formation: Cretaceous, Vraconian
Location: Cerro de Muleros, Mexico

— **cardenasensis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 34, Lám. I, figs. 1, 2
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico

— **(Mantellum) Coahuilensis** n. sp. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 39, Lám. IV, figs. 3–11
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico

— **cinnabarensis** n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 612, pl. LXXII, fig. 8

Formation: Jurassic, Ellis
Location: Yellowstone National Park
— **duplicosta** (Sowerby) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 176
Formation: Jurassic
Location: Dinosaurus River near Cape Stewart, Greenland
— **generosa** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 193, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Georgetown, Texas
— **(Plagiostoma) Hakoni** n. sp. Kittl
Second Norwegian Arctic Exped., in the Fram, Rept., No. 7, 1907, p. 22, pl. II, fig. 4
Formation: Triassic
Location: Hutinsel im Bayfjord
— **(Plagiostoma) hatensis** n. f. Kittl
Second Nowegian Expedition in the Fram, Rept. No. 7, 1907, p. 24, pl. II, figs. 5, 6
Formation: Triassic
Location: Hutinsel im Bayfjord
— **interlineata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 43, pl. IV, figs. 5, 6
Formation: Jurassic
Location: Malone, Texas
— **lata ?** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 121, pl. XXX, figs. 2, 3
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— **lorillardensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 492, pl. LIV, figs. 5, 6
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **(Mantellum) mexicana** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 92, Lám. XIV, figs. 14, 15
Formation: Cretaceous, Lower Cenomanian
Location: Cerro de Muleros, Mexico
— **monmouthensis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 494, pl. LIV, fig. 9
Formation: Cretaceous, Wenonah sand
Location: New Jersey
— **multilineata** n. sp. Stanton
U. S. Geol. Sur., Bull. 133, 1895, p. 36, pl. II, figs. 4, 5
Formation: Cretaceous
Location: California
— **obliqua** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 603, pl. XXXIV, fig. 11
Formation: Cretaceous, Monmouth
Location: Maryland
— **pelagica** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 294, pl. XLIX ,fig. 5
Formation: Cretaceous
Location: Bienville parish, Louisiana
— **pelagica** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 489, pl. LIV, fig. 7

Formation: Cretaceous, Navesink marl
Location: New Jersey

— **reticulata** (Lyell and Forbes) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 492, pl. LIV, figs. 3, 4
Formation: Cretaceous
Location: New Jersey

— **reticulata** (Forbes) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 600, pl. XXXIV, figs. 12, 13
Formation: Cretaceous
Location: Southern United Staes

— **(Ctenostreon) riograndensis** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 44, pl. V, fig. 4
Formation: Jurassic
Location: Malone, Texas

— **semilaevis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 194, no pl.
Formation: Cretaceous, Denton Marl
Location: Cooke county, Texas

— **serrata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 602, pl. XXXIV, figs. 14, 15
Formation: Cretaceous, Monmouth
Location: Maryland

— **shumardi** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 17, pl. V, fig. 11
Formation: Cretaceous
Location: Austin, Texas

— **species** undt. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 494, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey

— sp. indt. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 400, no pl.
Formation: Cretaceous
Location: Vancouver Islands

— sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 198
Formation: Jurassic
Location: Kap Stewart, east Greenland

— sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 176
Formation: Jurassic
Location: Mount Nathorst, Greenland

— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 18, pl. V, fig. 9
Formation: Cretaceous, Buda
Location: Texas

— **suciensis** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 399, pl. LI, fig. 2
Formation: Cretaceous
Location: Vancouver Islands

— **utahensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 71, pl. IX, fig. 5
Formation: Cretaceous

Location: Utah; Upper Kanab valley
— **utahensis** Stanton Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton
Location: New Mexico
— **utahensis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVI, fig. 5, (no description)
Formation: Cretaceous
Location: New Mexico
— **wacoensis** (Roemer) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 18, pl. V, fig. 10
Formation: Cretaceous, Buda sandstone
Location: Texas
— **(Mantellum) wacoensis** (Roemer) Böse
Inst. Geol. de México, Bol. 25, p. 90, Lám. XIV, 1910, figs. 7–13
Formation: Cretaceous, Lower Cenomanian
Location: Cerro de Muleros, Mexico
— **wacoensis** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 72, pl. XVII, figs. 7–9
Formation: Cretaceous, Fredericksburg to Buda
Location: Texas
— **whitfieldi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 491, pl. LIV, fig. 8
Formation: Cretaceous
Location: New Jersey
— sp. indt. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 400, no pl.
Formation: Cretaceous
Location: Vancouver Islands
Limaea duplicata (Sowerby) Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 198, pl. III, fig. 6
Formation: Jurassic
Location: Kap Stewart, east Greenland
Limnaea intidula (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 45, pl. VI, figs. 1, 2, 3
Formation: Cretaceous
Location: Montana
Limopsis subimbricatus n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 4, pl. I, figs. 6–8
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
Lindigia (?) nodosum n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 92, no pl.
Formation: Cretaceous
Location: Shasta county, California
Linearia (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 698, no pl.
Formation: Cretaceous
— **contracta** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 620, pl. LXX, fig. 13
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **metastriata** Harris and Veatch

Geol. Sur. La. Rept., 1899, p. 296, pl. I, fig. 7
Formation: Cretaceous
Location: Bienville parish, Louisiana

— **metastriata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 618, pl. LXX, figs. 8, 9
Formation: Cretaceous
Location: New Jersey; Arkansas

— **metastriata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 699, no pl.
Formation: Cretaceous
Location: Southern States

— **ornatissima** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 619, pl. LXX, figs. 10–12
Formation: Cretaceous, Woodbury clay
Location: New Jersey

Lingula shumardi n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 166, no pl.
Formation: Cretaceous
Location: Texas

— sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 193, pl. III, fig. 1
Formation: Jurassic
Location: Kap Stewart, east Greenland

— **subspatulata** (Hall and Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 636, no pl.
Formation: Cretaceous
Location: Yellowstone National Park; Wyoming; Utah

— **subspatulata** (Hall and Meek) Johnson
School of Mines Quart., vol. 24, No. 2, Jan. 1903, p. 185, pl. I, figs. 11, a–b
Formation: Cretaceous
Location: New Mexico

— **subspatulata** (Hall and Meek) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 113, pl. I, figs. 11a, b
Formation: Cretaceous, Ft. Pierre
Location: Santa Rosa Mt., New Mexico

— **subspatulata** (Hall and Meek) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 356, pl. XXVII, figs. 20, 21
Formation: Cretaceous, Woodbury clay
Location: New Jersey

Lingulina carinata (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 46, no pl.
Formation: Cretaceous
Location: New Jersey

— **carinata** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 113
Formation: Cretaceous
Location: Timber Creek, New Jersey

— **carinata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 224, pl. II, figs. 25, 26
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Linthia (Merian) Slocom

Field Col. Mus. Nat. Hist., Geol. Ser., Pub. 134, vol. 4, No. 1, 1909, p. 11, no pl.
Formation: Cretaceous to Recent

— **tumidula** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 91, pl. I, figs. 1a–i
Formation: Cretaceous
Location: New Jersey

— **tumidula** (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 304, pl. XVIII, figs. 1–9
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek, New Jersey

— **tumidula** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 99, pl. LIII, figs. 1a–i
Formation: Cretaceous, Rancocas
Location: New Jersey

— **variabilis** n. sp. Slocom
Field Col. Mus. Nat. Hist. Pub. 134, 1909, vol. 4, No. 1, Geol. Ser., p. 12, pl. III, figs. 1–11
Formation: Cretaceous, Ripley
Location: Mississippi

— **variabilis** (Slocom) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 99, pl. LIV, figs. 1a–l
Formation: Cretaceous, Ripley
Location: Mississippi

Liopeplum (Dall) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 429, no pl.
Formation: Cretaceous

— **cretaceum** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 431, pl. XV, fig. 5
Formation: Cretaceous
Location: Maryland; Mississippi

— **leiodermum** (Dall) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 430, no pl.
Formation: Cretaceous
Location: Maryland; Mississippi

Linuparus atavus n. sp. Ortmann
Amer. Journ. Sci., 4th ser., vol. 4, p. 293, figs. 1, 2, 3
Formation: Cretaceous, Niobrara
Location: Cotton-Wood creek, Mead Co., S. Dakota

— **canadensis** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 325, pl. XLI, fig. 1
Formation: Cretaceous, Alberta
Location: Vancouver Islands

— **vancouverensis** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 323, pl. XL, figs. 1, 2, 3
Formation: Cretaceous
Location: Hornby Island; Vancouver Island

Linuparis (Podocrates) Canadensis (Whiteaves) Woodward
Geol. Mag. n. s. decade 4, vol. 7, 1900, p. 396
Formation: Upper Cretaceous
Location: Hornby Island, British Columbia

— **(Podocrates) Vancouverensis** (Whiteaves) Woodward

Geol. Mag. n. s. decade 4, vol. 7, 1900, p. 394, pl. XV, figs. 1–3
Formation: Upper Cretaceous
Location: Comax River, Hornby Island

— **monmouthense** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 432, pl. XV, figs. 6, 7
Formation: Cretaceous, Monmouth
Location: Maryland

Liosptha alternata n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 527, pl. LVIII, figs. 7–9
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

Liopistha (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 635, no pl.
Formation: Cretaceous
Location: Maryland

— **alternata** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 637, no pl.
Formation: Cretaceous, Matawan, Eutaw
Location: Delaware; New Jersey; Georgia; Alabama

— **(Psilomya) concentrica** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 119, pl. XXVI, figs. 8–10
Formation: Cretaceous
Location: Colorado

— **concentrica** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 208, pl. XXXIII, fig. 5; pl. XLI, figs. 8–10
Formation: Cretaceous
Location: New Mexico

— **(Psilomya) elongata** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 119, pl. XXVI, figs. 11, 12
Formation: Cretaceous
Location: Upper Kanab valley, Utah

— **(Psilomya) elongata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI, figs. 11, 12
Formation: Cretaceous
Location: New Mexico

— **elongata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 208, pl. XXXIII, fig. 5
Formation: Cretaceous
Location: Rio Puerco valley, New Mexico

— **kümmeli** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 529, pl. LVIII, fig. 3
Formation: Cretaceous, Merchantville clay marl
Location: New Jersey

— **protexta** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 636, pl. XXXVI, fig. 15
Formation: Cretaceous
Location: Southern States

— **(Psilomya) meeki** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 118, pl. XXVI, figs. 5–7
Formation: Cretaceous
Location: Utah

— **(Psilomya) meeki** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI, figs. 5–7, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **protexta** (Meek) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 526, pl. LVIII, figs. 4–6
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey; Alabama; Arkansas; Texas
— **(Cymella) undata** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 112, no pl.
Formation: Cretaceous
Location: Montana
Lioplax ? endlichi (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 60, pl. X, figs. 4, 5
Formation: Cretaceous, Bear river
Location: Montana
Lirofusus — Serrifusus
Liroscapha squamosa (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 489, pl. LII, figs. 6, 7
Formation: Cretaceous
Location: New Jersey
Lirosoma cretacea n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 288, pl. XVIII, figs. 5, 6
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Lispodesthes nuptialis (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, figs. 5, 6, (no description)
Formation: Cretaceous
Location: New Mexico
— **nuptialis** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 147, pl. XXXI, figs. 5, 6
Formation: Cretaceous
Location: Arizona; New Mexico
Lithodomus nitidus n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 395, pl. XLVIII, fig. 3
Formation: Cretaceous
Location: Vancouver Islands
Lithophaga (Bolten) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 617, no pl.
Formation: Cretaceous
Location: Maryland
— **conchafodentis** n. sp. Gradner
Maryland Geol. Sur., U. Cret., 1916, p. 619, pl. XXXVI, figs. 7–9
Formation: Cretaceous, Monmouth
Location: Maryland
— **juliae** (Lea) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 620, pl. XXXVI, figs. 10, 11
Formation: Cretaceous
Location: Maryland; New Jersey
— **lingua n. sp. Gardner**

Maryland Geol. Sur., U. Cret., 1916, p. 621, pl. XXXVI, fig. 14
Formation: Cretaceous, Monmouth
Location: Maryland

— **ripleyana** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 618, pl. XXXVI, figs. 4–6
Formation: Cretaceous
Location: Delaware; Maryland; New Jersey; Mississippi

— **ripleyana** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 512, pl. LVI, figs. 9–12
Formation: Cretaceous
Location: New Jersey

— **twitchelli** n. sp. Gardenr
Maryland Geol. Sur., U. Cret., 1916, p. 622, pl. XXXVI, figs. 12, 13
Formation: Cretaceous, Monmouth
Location: Maryland

Litoceras potosina n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 16, Lám. IX, fig. 2
Formation: Jurassic
Location: San Luis Potosi, Mexico

Littorina subobesa n. sp. Cooper
Cal. Acad. Sci. Proc., vol. 6, 1896, p. 331, pl. XLVII, figs. 3, 4
Formation: Cretaceous
Location: Shasta county, California

Longaeviceras (Buckman) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
Formation: Jurassic

Longobardites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 132, no pl.

— **nevadanus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 132, pl. XXV, figs. 13–18; pl. LVIII, figs. 16–20; pl. LXXV, figs. 6–9
Formation: Triassic
Location: California

— **nevadenus** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. IX, figs. 14–16
Formation: Triassic
Location: Nevada

— **nevadanus** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 50, pl. VI, figs. 13–18; pl. VIII, figs. 16–20; pl. XI, figs. 6–9; pl. XXX, figs. 13–16
Formation: Triassic
Location: Desatoya mountains, Nevada

Lucina cedrensis Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 30, pl. III, figs. 10, 11
Formation: Cretaceous, Cannonball
Location: Cedar River, Pretty Rock, N. Dakota

— **coctol** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 7, Lám. V, figs. 1, 2
Formation: Jurassic
Location: Sierra de Catorce, Mexico

— **colusaensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 60, pl. XI, figs. 4, 5
Formation: Cretaceous
Location: California

— **cretacea** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 570, pl. LXII, fig. 18
Formation: Cretaceous
Location: New Jersey
— ? **emarginata** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 74, pl. XIII, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
— **juvenis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 98, pl. XXII, figs. 2–4
Formation: Cretaceous, Pugnellus sandstone
Location: Colorado
— **occidentalis** (Morton) Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–96, pl. LXVI
Formation: Cretaceous
Location: East Colorado
— **occidentalis** (Morton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 507, pl. CVII, fig. 3
Formation: Cretaceous
Location: Kansas
— **ovalis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 59, pl. XII, fig. 1
Formation: Cretaceous
Location: Tehama county, California
— **planiuscula** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 75, pl. XIII, fig. 3
Formation: Jurassic
Location: Malone, Texas
— **potosina** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 6, Lám. IV, figs. 2, 3, 6; Lám. V, figs. 11–14
Formation: Jurassic
Location: Sièrra de catorce, San Luis Potosi, Mexico
— **potosina** (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 72, pl. XIII, figs. 4, 5
Formation: Jurassic
Location: Malone, Texas
— **potosina** var. **metrica** n. var. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 73, pl. XIII, figs. 6–10
Formation: Jurassic
Location: Malone, Texas
— **substriata** (Roemer) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 476
Formation: Jurassic
Location: "Kloft II" and "4 Saenkning," Store Koldewey Island, Greenland
— **substriata** (Roemer ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 476
Formation: Jurassic
Location: "Kloft II," "4 Saenkning," Store Koldewey Island
— **subundata** (H. & M.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 97, pl. XXII, figs. 5, 6
Formation: Cretaceous, Fort Pierre shale

Location: Utah
— cf. **subundata** (H. & M.) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton or Niobrara
Location: New Jersey
— **swedenboroensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 571, pl. LXII, figs. 19–21
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey; Mississippi
Lunatia concinna (Hall and Meek) sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 134, pl. XXIX, figs. 9, 10
Formation: Cretaceous
Location: Utah
— **concinna** (H. & H.) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 65
Formation: Cretaceous, Fort Benton
Location: New Mexico
— **halli** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 175, pl. XXI, figs. 10, 11
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **halli** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 130, pl. XV, figs. 13–16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **halli** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 130, 175, pl. XXI, figs. 10, 11; pl. XV, figs. 13–16
Formation: Cretaceous, Middle Green Marls
Location: Timber creek, New Jersey
— **halli** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 677, pl. LXXVI, figs. 9–19
Formation: Cretaceous, Merchantville clay marl, Wenonah sand, Navesink marl
Location: New Jersey; Alabama; Mississippi
— **obliquata** (Hall and Meek) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, No. 128–A, 1920, p. 35, pl. VI, figs. 10a, b
Formation: Cretaceous, Cannonball
Location: Kayser and Pretty Rock, N. Dakota; Lemmon, S. Dakota
— **pauperata** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 680, pl. LXXVI, figs. 20–23
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **shumardiana** (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 365, no pl.
Formation: Cretaceous
Location: Vancouver Islands
— sp. Adkins
Univ. of Texas Bull. No. 1856, p. 140, pl. X, fig. 38
Formation: Cretaceous, Weno
Location: Gainesville, exas

— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
Formation: Cretaceous, Judith river beds
Location: Montana
— **subcrassa** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128–A, 1920, p. 36, pl. VI, figs. 11a, b
Formation: Cretaceous, Cannonball
Location: Judith, Montana; Almont, N. Dakota
Lyonsia subaequilateralis n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 20, pl. V, figs. 29a, b, c
Formation: Jurassic
Location: Kap Stewart, east Greenland
Lysis suciensis (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 367, pl. XLV, fig. 3
Formation: Cretaceous
Location: Sucia Islands
— **suciensis var. carinifer** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 367, pl. XLV, fig. 4
Formation: Cretaceous
Location: Texada Island
Lysoma powelli (White) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 630, no pl.
Formation: Jurassic
Location: Yellowstone National Park
Lytoceras (Suess) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol. 1898, vol. 1, p. 136, no pl.
Formation: Mesozoic
— **alamedense** n. sp. Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1898, p. 136, pl. XVI; XVIII
Formation: Cretaceous, Upper Horsetown
Location: California
— **alamedense** (Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XIII, figs. 10–15
Formation: Cretaceous
Location: California
— **(Gabbioceras) angulatum** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 87, pl. VI, fig. 139
Formation: Cretaceous
Location: California
— **argonautaurum** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 85, pl. VII, figs. 154, 155
Formation: Cretaceous
Location: California
— **batesi** (Trask) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 75, pl. XIII, figs. 9–11
Formation: Cretaceous, Lower Horsetown beds
Location: Paskenta, California
— **batesi** (Trask) sp. Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 270, no pl.
Formation: Cretaceous, Lower Shales
Location: Maud Island; Lina Island

— **batesi** (Trask) (Gabb) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 84, no pl.
Formation: Cretaceous
Location: California

— **(Tetragonites) cala** (?) (Forbes) (Stoliczka) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 84, no pl.
Formation: Cretaceous
Location: California

— **(Gaudryceras) denmanense** n. sp. Whiteaves
Ottawa Nat., vol. 15, 1901, p. 31
Formation: Cretaceous
Location: Denman Island

— rel. **duvalianum** (d'Orbigny) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 81, pl. VI, figs. 140–143
Formation: Cretaceous, Horsetown
Location: Shasta county, California

— **(Gaudryceras) havei** (Forbes) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 83
Formation: Cretaceous
Location: Mount Diablo, California

— **(Tetragonites) jacksonense** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 82, pl. V, figs. 124, 125
Formation: Cretaceous
Location: Oregon

— **Jukesii** (Sharpe) Whiteaves
Can. Roy. Soc. Pro. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 129, pl. II, figs. 1, 2
Formation: Cretaceous
Location: Norris Rock south of Hornby Island, Vancouver. This species name was later changed by Whiteaves to L. denmanense

— **polare** n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 485, pl. XXXV, fig. 9
Formation: Cretaceous
Location: Vesterdalen, Danmarks, Havn, Greenland

— **polare** n. sp. Ravn
Copehagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 485, pl. XXXV, fig. 9
Formation: Cretaceous
Location: Vesterdalen, Danmarks, Havn, Greenland

— **(Gaudryceras) Sacya** (Forbes) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 270
Formation: Cretaceous
Location: Maple Island, Skidegate Inlet, Cumshewa Inlet, Queen Charlotte Islands

— **(Gaudryceras) Sacya** (Forbes) Anderson
Can. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 82
Formation: Cretaceous, Chico beds
Location: California

— sp. ind. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 9, Lám. IV, figs. 1, 2
Formation: Jurassic, Kimeridgian
Location: Mazapil. Mexico
— **(Tetraganites) timothenum** (Mayor sp.) Whiteaves
Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt .4, 5, 1900–1903, p. 271, 329, no pl.
Formation: Cretaceous
Location: Vancouver Islands
Lytoceratidae Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 93, no pl.
Lytoceratoidea Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 92, no pl.
Macraster cfr. **texanus** (Roem.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 172, Lám. XLVII, fig. 5; Lám. XLVIII, figs. 3, 5
Formation: Cretaceous, Vraconian
Location: Cerro Muleros, Mexico
Macrocephalites epigonus n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 20, Lám. III, figs. 6–11
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **Ishmae** (Keyserling) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 191, pl. VIII, figs. 7, 8, 9
Formation: Jurassic
Location: Vardeklöft, Greenland
— **Pompeckji** n. sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 189, pl. VIII, figs. 5, 6
Formation: Jurassic
Location: Ammonite Mountain, Hurry's Inlet, Greenland
— sp. cf. **compressus** (Quenstedt) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 192, fig. 1
Formation: Jurassic
Location: Vardeklöft, Greenland
Macrodon Hagenii n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 470, pl. XXXIV, figs. 3, 4
Formation: Jurassic
Location: Store Koldewey Island
— **Hagenii** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont, No. 10, 1911, p. 470, pl. XXXIV, figs. 3, 4
Formation: Jurassic
Location: Store Koldewey Island
— **Keyserlingii** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 469
Formation: Jurassic
Location: "Kloft II" and "4 Saenkning," Store Koldewey Island
— **Keyserlingii** (d'Orbigny) sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 469
Formation: Jurassic
Location: "Kolft II," "4 Saenkning," Store Koldewey Island
— **Mylii** n. sp. Ravn

Meddelelser om Grönland, vol. 45, 1911, p. 470, pl. XXXIV, fig. 1
Formation: Jurassic
Location: Store Koldewey Island, Greenland

— **Mylii** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 470, pl. XXXIV, fig. 1
Formation: Jurassic
Location: Store Koldewey Island

— **Schourovskii** (Rouillier sp.) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 469
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland

— **Schourovskii** (Rouillier sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 469
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn

Mactra (Cymbophora) alta (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 112
Formataion: Cretaceous, Judith river beds
Location: Montana

— **antiqua** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 9, no pl.
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

— **arenaria** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 639, no pl.
Formation: Cretaceous
Location: Utah; Wyoming

— **(Cymbophora) ashburneri** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous—Tertiary transition beds
Location: California

— **ashburneri** (Gabb) Arnold
U. S. Geol. Sur. Bull. 396, 1909, p. 11, pl. I, fig. 4
Formation: Cretaceous, Chico
Location: California

—**emmonsii** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 121, pl. XXVII, figs. 9–13
Formation: Cretaceous
Location: Utah; Colorado

— **emmonsii** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 458, pl. XCII, fig. 11
Formation: Cretaceous, Lincoln marble
Location: Kansas

—**formosa** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXIII, fig. 6, p. 205, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **gabbiana** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 74, pl.

VII, fig. 156
Formation: Cretaceous
Location: California
— ? **gibbsana** (Meek) Packard
Univ. Cal. Pub. Dept. Geol. vol. 9, 1916, p. 310, no pl.
Formation: Cretaceous ?
Location: Straits of Juan de Fuca
— **huerfauensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 122, pl. XXVII, figs. 14, 15
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano Park, Colorado
— **pentangularia** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 3, 1907, p. 631, pl. LXXI, figs. 7, 8
Formation: Cretaceous, Woodbury
Location: New Jersey
— **pulchella** n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 205, pl. XXX, fig. 5
Formation: Cretaceous
Location: New Mexico
— **stantoni** n. sp. Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 357, pl. XXXI, fig. 3
Formation: Cretaceous, Knoxville and Chico
Location: California
— ? **stantoni** (Arnold) Packard
Univ. Cal. Pub. Dept., Geol., vol. 9, 1916, p. 311–12, no pl.
Formation: Cretaceous, Chico
Location: California
— (?) **subquadrata** n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 204, no pl.
Formation: Cretaceous
Location: Albuquerque, New Mexico
— ? **tennuissima** (Gabb) Packard
Univ. Cal. Pub. Dept. Geol., vol. 9, 1916, p. 312, no pl.
Formation: Cretaceous ?
Location: Lake county, California
— **(Cymbophora ?) utahensis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 120, pl. XXVII, figs. 16, 17
Formation: Cretaceous
Location: Utah
— **warrenana** (M. & H.) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 639, no pl.
Formation: Cretaceous, Montana
Location: Yellowstone National Park
— **warrenana** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1902, p. 112
Formation: Cretaceous, Judith river beds
Location: Montana
Mammites mohovanensis n. sp. Böse
Univ. of Texas Bull., No. 1856, 1918, p. 206, pl. XII, figs. 6, 8
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico
Mangilia suturalis n. sp. Cooper
Cal. State Bureau Mining Bull. No. 4, 1894, p. 41, pl. II, figs. 25,

26
Formation: Cretaceous
Location: California

Mantellum — see **Lima**

Margarita abyssina (Gabb) Weller
Geol. N. J., Pal. N. J., vol. 4, 1907, p. 669, pl. LXXV, figs. 20–22
Formation: Cretaceous
Location: New Jersey

— **abysinna** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 133, pl. XVII, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **abysinna** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 133, pl. XVII, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **brownii** n. sp. Cragin
Colo. College Studies, 5th Ann. Pub. 1894, p. 61, no pl.
Formation: Cretaceous, Caprina limestone
Location: Travis county, Texas

— **marcouana** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 10, no pl.
Formation: Cretaceous, Neoconian
Location: Belvidere, Kansas

— **(Solariella) newberryi** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 10, no pl.
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

— **ouratissima** (Gabb) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1900, p. 368, no pl.
Formation: Cretaceous
Location: Vancouver Islands

Margaritella abbottii Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 134, pl. XVII, figs. 12–15
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Albama

— **abbotti** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 134, pl. XVII, figs. 12–15
Formation: Cretaceous
Location: New Jersey

Margarites (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 504, no pl.
Formation: Cretaceous
Location: Maryland

— **abyssina** (Gabb) (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 505, no pl.
Formation: Cretaceous
Location: Maryland; New Jersey

— **depressa** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 505, pl. XIII, fig. 6
Formation: Cretaceous, Monmouth
Location: Maryland

— **elevata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 506, pl. XIII, fig. 5

Formation: Cretaceous, Monmouth
Location: Prince George's county, Maryland

Marginulina costata (Batsch sp.) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 115
Formation: Cretaceous
Location: Timber Creek, N. J.

— **ensis** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
Formation: Cretaceous, Monmouth and Rancocas
Location: New Jersey

— **ensis** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 233, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **pediformis** (Bornemann) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 52, no pl.
Formation: Cretaceous, Tertiary; Matawan
Location: New Jersey

— **pediformis** (Bornemann) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 233, no pl.
Formation: Cretaceous
Location: New Jersey; Maryland

— **trilobata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 52, no pl.
Formation: Cretaceous, Matawan and Monmouth
Location: New Jersey

— **trilobata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 234, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey

Marsupites (J. S. Miller ex Mantell M. S.) Springer
Harv. Coll. Mus. Comp. Zool. Mem., vol. 25, No. 3, 1911, p. 158
Formation: Cretaceous
Location: Mississippi

— **americanus** n. sp. Springer
Harv. Coll. Mus. Comp. Zool. Mem., vol. 25, No. 3, 1911, p. 160, pl. VI, figs. 4a, b, and 5
Formation: Tombigbee sandstone
Location: Plymouth Bluff, Mississippi

— **americanus** (Springer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 39, pl. VII, figs. 2a–b, 3
Formation: Cretaceous, Eutaw
Location: Plymouth Bluff, Mississippi

Martesia (Leach) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 726, no pl.
Formation: Cretaceous

— **clausa** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1033, no pl.
Formation: Cretaceous, Tertiary transition beds
Location: California

— **cretacea** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 654, pl. LXXIV, figs. 8–11
Formation: Cretaceous, Merchantville clay-marl and Marshalltown clay-marl

Location: New Jersey
— **cretacea** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 727, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; Maryland; New Jersey
— **maloniana** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 87, pl. XIX, figs. 3–5
Formation: Jurassic
Location: Malone, Texas
— ? **parvula** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 372, pl. XLV, fig. 10
Formation: Cretaceous
Location: Vancouver Islands
Mataxia n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 455
— **elegans** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, p. 456, pl. XXIII, figs. 1, 2, 3
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Mazapilites n. gen. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 2
Formation: Jurassic
— **carinatus** n. sp. Burckhradt
Inst. Geol. de México, Bol. 33, 1919, p. 10, Lám. III, figs. 7, 8, 11, 12
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— **crassicostatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 7, Lám. II, figs. 1–3, 4, 6, 7, 10
Formation: Jurassic
Location: Cañon del Toboso, México
— **symonensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 4, Lám. I, figs. 1–5, 9
Formation: Jurassic
Location: Cañon del Toboso, México
— **tobosensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 9, Lám. III, figs. 4–6, 9, 10
Formation: Jurassic
Location: Cañon del Toboso, México
Meekia radiata (Gabb) ? Merriam
Univ. of Cal. Bull. of Geol., vol. 2, 1901, p. 282, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
— **sella** (Gabb) Whiteaves .
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 291, no pl.
Formation: Cretaceous
Location: Vancouver Islands
Meekoceras (Hyatt) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 367, no pl.
Formation: Triassic
— (Hyatt) Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 140, no pl.
Formation: Triassic
— **(Gyronites) aplanatum** (White) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 373, pl. XLI, figs. 4–6
Formation: Triassic
Location: California; Idaho
— **(Gyronites) aplanatum** (White) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 146, pl. XI, figs. 1–14; pl. LXIV, figs. 17–22; pl. LXXVII, figs. 1, 2
Formation: Triassic
Location: Idaho
— **gracilitatis** (White) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 370, pl. XLII, figs. 1–4; pl. XLIII, figs 3, 4
Formation: Triassic
Location: Idaho; California
— **gracilitatis** (White) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 143, pl. XII, figs. 1–13; pl. XIII, figs. 1–18; pl. LXX, figs. 4–7; pl. XIV, figs. 1–8
Formation: Triassic
Location: California
— **gracilitatis** White Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VII, figs. 6–12
Formation: Triassic
Location: Idaho
— **(Koninckites) mushbachanum** (White) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 376, pl. XLI, figs. 1–3; pl. XLIII, figs. 1, 2
Formation: Triassic
Location: California; Idaho
— **(Koninckites) mushbachanum** (White) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 149, pl. XV, figs. 1–9; pl. XVI, figs. 1–3; pl. XVIII, figs. 1–7; pl. LXX, figs. 8–10
Formation: Triassic
Location: Idaho
— **mushbachanum** White Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VII, figs. 1–5
Formation: Triassic
Location: Idaho
— **pilatum** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 144, pl. LXIII, figs. 3–9
Formation: Triassic
Location: Idaho
— **(Prinonolobus) jacksoni** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 151, pl. LXII, figs. 11–21
Formation: Triassic
Location: California
— **(Prionolobus) waageni** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 150, pl. LXXVII, figs. 3–8
Formation: Triassic
Location: Inyo county, California
Meekoceratidae Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 135, no pl.
Megaphyllites (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p.41, no pl.
— **septentrionalis** (Smith) n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 42, pl. XXI, figs. 4–12
Formation: Triassic
Location: West Humboldt range, Nevada
Megerlia dubitanda n. sp. Cooper
Cal. State Mining Bureau Bull. No. 4, 1894, p. 50, pl. III, figs. 48, 49
Formation: Cretaceous
Location: Pt. Soma, California
Melampus clarkii n. sp. White
U. S. Geol. Sur. Bull., 128, p. 42, pl. V, figs. 2, 3
Formation: Cretaceous, Bear river
Location: Montana
— sp. ? Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 162, no pl., (no description)
Formation: Cretaceous
Location: Coalville, Utah
Melania insculpta (Meek?) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 318, no pl.
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— ? **whiteavesi** n. sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 115, pl. XIII, fig. 5
Formation: Cretaceous, Judith River beds
Location: Montana
Meleagrinella abrupta (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 433, pl. XLII, figs. 5–9
Formation: Cretaceous, Navesink marl
Location: New Jersey
Melina skidegatensis (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 296, no pl.
Formation: Cretaceous
Location: Vancouver Islands
Membranipora annuloidea (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 335, pl. XXIII, fig. 18
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **annuloidea** (Ulrich and Bassler) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 740, pl. XLVI, fig. 3
Formation: Cretaceous, Rancocas
Location: Delaware
— **jerseyensis** (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 336, pl. XXIV, fig. 3
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **nematoporoides** (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 336, pl. XXIV, figs. 1, 2
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **perampla** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 337, pl. XXIV, fig. 4

Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **plebia** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 334, pl. XXIII, fig. 17
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Membraniporella abboiit (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 342, pl. XXIV, figs. 13, 14
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **abbotti** (Gabb and Horn) (Weller) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 743, pl. XLVI, fig. 4
Formation: Cretaceous, Rancocas
Location: Delaware
— **distans** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 344, pl. XXV, fig. 1
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Meretrix (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 679, no pl.
Formation: Cretaceous
— **arata** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 378, no pl.
Formation: Cretaceous
Location: Sucia Islands; Texada Islands
— **cretacea** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 608, pl. LXVIII, figs. 4–7
Formation: Cretaceous, Woodbury clay, Marshalltown clay-marl
Location: New Jersey
— **cretacea** (Conrad) (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 679, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey
— **eufaulensis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 609, pl. LXVIII, figs. 8, 10
Formation: Cretaceous
Location: New Jersey; Alabama
— **leonensis** ? (Conrad) Whitney
Univ. of Texas Bull. 184, 1911, p. 18, pl. VII, fig. 4
Formation: Cretaceous, Buda
Location: Shoal, Barton and Bouldin creeks, Austin, Texas
— **leonensis** ? (Conrad) Whitney
Tex| Acad. Sci. Trans., vol. 12, 1913, pl. VII, p. 18, fig. 4
Formation: Cretaceous, Buda limestone
Location: Shoal, Barton and Bouldin creeks, Austin, Texas
— **nitida** (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 377, no pl.
Formation: Cretaceous
Location: Vancouver Islands
— **tippana** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 607, pl. LXVIII, figs. 1–3
Formation: Cretaceous
Location: New Jersey; Mississippi; Texas; Arkansas
— **variens** (Gabb) Merriam

Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon

Mesostoma ? intermedium n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 360, pl. XLIII, fig. 4
Formation: Cretaceous
Location: Sucia Islands; Vancouver Islands

— ? **newcombii** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 361, pl. XLIII, fig. 5
Formation: Cretaceous
Location: Sucia Islands

— **occidentalis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 139, pl. XXX, figs. 7, 8
Formation: Cretaceous, Benton shales
Location: Colorado

— **occidentalis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, figs. 7, 8, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **suciense** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 359, pl. XLIV, fig. 7
Formation: Cretaceous
Location: Vancouver Islands; Sucia Islands

Metacypris consobrina n. sp. Jones
Geol. Mag. dec. III, vol. 10, 1893, p. 388, pl. XV, figs. 1a, b, c
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming

— **cuneiformis** n. sp. Jones
Geol. Mag. dec. III, vol. 10, 1893, p. 389, pl. XV, figs. 3a, b, c
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming

— **simplex** n. sp. Jones
Geol. Mag. dec. III, vol. 10, 1893, p. 389, pl. XV, figs. 9a, b, c
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming

Metasibirites frechi (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. VI, figs. 1–10
Formation: Upper Triassic
Location: None given

Metasigaloceras n. gen. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 106, no pl.
Formation: Cretaceous

Metatirolites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 160, no pl.

Metatirolites — see **Tirolites**

Metengonoceras n. gen. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 179, no pl.

— **acutum** n. sp. Hyatt

U. S. Geol. Sur. Mon. 44, 1903, p. 184, pl. XXVI, fig. 8, pl. XXVII, figs. 1, 2
Formation: Cretaceous
Location: Texas

— **ambiguum** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 183, pl. XXVI, figs. 5–7
Formation: Cretaceous, Comanche Peak
Location: Austin, Texas

— **dumbli** (Cragin) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 185, pl. XXVII, figs. 3–14
Formation: Cretaceous, Eagle ford
Location: Whitesboro, Texas

— **inscriptum** n. sp. Hyatt
U. S. Geol. Sur. Mon., vol. 44, 1903, p. 180, pl. XXV, figs. 5–9, pl. XXVI, figs. 1–4
Formation: Cretaceous
Location: Decautur, Texas

— **inscriptum** var. ? Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 182
Formation: Cretaceous
Location: Travis county, Texas

Metoecoceras (Hyatt) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 200, no pl.
Formation: Cretaceous, Lower Turonian
(This is a modified spelling of Hyatt's genus **Metoicoceras**)

Metoicoceras n. gen. Hyatt
U. S. Geol. Sur. Mon. 44, p. 116, 1903

— **acceleratum** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 127, pl. XIV, figs. 11–14
Formation: Cretaceous, Colorado epoch
Location: Texas

— **gibbosum** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 121, pl. XV, figs. 5–8
Formation: Cretaceous, Colorado epoch
Location: Texas

— n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 205, pl. XII, figs. 1–3
Formation: Cretaceous, Upper Cenomanian (?) or Lower Turonian
Location: Mexico

— **swallovi** (Shumard) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 118, pl. XI, figs. 7–24; pl. XIII, figs. 1, 2; pl. XV, figs. 1–4
Formation: Cretaceous, Colorado epoch
Location: Texas, Utah

— **whitei** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 122, pl. XIII, figs. 3–5; pl. XIV, figs. 1–10, 15
Formation: Cretaceous, Colorado epoch
Location: Texas, Utah

— aff. **whitei** (Hyatt) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 203, pl. XII, figs. 4–7
Formation: Cretaceous, Upper Cenomanian ?
Location: Mexico

Metoicoceratidae (Hyatt) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 115, no pl.
Metopaster hortensae (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 97, pl. VII, fig. 6
Formation: Cretaceous, Pawpaw
Location: Texas
— **hortensae** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 46, pl. X, figs. 2–4
Formation: Cretaceous, Pawpaw
Location: Fort Worth, Texas
Meyeria ? Harveyi n. sp. Woodward
Geol. Mag. n. s. decade 4, vol. 7, 1900, p. 434
Formation: Upper Cretaceous
Location: Hornby Island, British Columbia
— **? harveyi** (Woodward) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 323, no pl.
Formation: Cretaceous
Location: Hornby Island
Micrabacia (Milne-Edwards and Haime) Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 116, no pl.
— **americana** (Meek and Hayden) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 271, pl. V, figs. 14–17
Formation: Cretaceous
Location: South Dakota; New Jersey
— **americana** (Meek and Hayden) Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 118, pl. XX, figs. 4, 5
Formation: Cretaceous, Montana group
Location: South Dakota; Montana; Wyoming
— **americana** var. **multicosta** n. var. Stephenson
U. S.Geol. Sur. Prof. Paper 98, 1916, p. 119, pl. XX, fig. 6
Formation: Cretaceous, Montana group
Location: Montana
— **cribraria** Stephenson n. sp.
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 117, pl. XX, figs. 1–3
Formation: Cretaceous
Location: North Carolina; Alabama; Mississippi
— **hilgardi** n. sp. Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 120, pl. XXII, figs. 1–6
Formation: Cretaceous, Ripley
Location: Mississippi; Tennessee; Alabama
— **marylandica** n. sp. Stephenson
Maryland Geol. Sur., U. Cret., 1916, p. 755, pl. XLVIII, figs. 1–4
Formation: Cretaceous, Monmouth
Location: Maryland
— **marylandica** (Stephenson) Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 121, pl. XXII, figs. 7–10
Formation: Cretaceous, Monmouth
Location: Maryland
— **mineolensis** n. sp. Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 122, pl. XXIII, figs. 6–8
Formation: Cretaceous, Navarro
Location: Texas
— **mississippiensis** n. sp. Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 123, pl. XXIII, figs. 9–11

Formation: Cretaceous, Ripley
Location: Mississippi
— **rotatilis** n. sp. Stephenson
Maryland Geol. Sur., U. Cret., 1916, p. 753, pl. XLIX, figs. 1–4
Formation: Cretaceous, Monmouth
Location: Maryland
— **rotatilis** (Stephenson) Stephenson
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 119, pl. XXI, figs. 1–4
Formation: Cretaceous, Monmouth
Location: Maryland
Micropora cylinracea n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 347, pl. XXV, fig. 4
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **pulchra** (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 347, pl. XXV, fig. 3
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— ? **vincentownensis** n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 348, pl. XXV, fig. 9
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Microporella sparsipora (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 348, pl. XXV, fig. 8
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Micropsis lineatus (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 63, pl. XXV, figs. 1a–c
Formation: Cretaceous, Washita
Location: Denison, Texas
Mitra simplicissima n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 45, pl. II, fig. 41
Formation: Cretaceous
Location: California
Modiola austinensis n. sp .Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 15, pl. II, fig. 6
Formation: Cretaceous, Buda limestone
Location: Shoal creek, Austin, Texas
— **austinensis** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 15, pl. II, fig. 6
Formation: Cretaceous, Buda
Location: Shoal creek, Austin, Texas
— **branneri** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 24, pl. V, figs. 8, 9, 10
Formation: Cretaceous, Glen Rose
Location: Arkansas
— **burlingtonensis** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 505, pl. LV, figs. 18, 19
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **filisculpta** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 194, no pl.
Formation: Cretaceous
Location: Texas

— **geniculata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 49, pl. VI, fig. 3
Formation: Jurassic
Location: Finlay, Texas
— **hannoverana** (Struckmann ?) Ravn
Meddelelser om Grønland, vol. 45, 191, p. 468
Formation: Jurassic
Location: "Kloft I," Store Koldewey Island, Greenland
—**hannoverana** (Struckmann ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 468
Formation: Jurassic (?)
Location: "Kloft I," Store Koldewey Island
— **julia** (Lea.) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 506, pl. LV, figs. 12, 13
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey; Texas
— **johnsoni** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 509, pl. LV, figs. 14, 15
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **jurassica** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 393, pl. XLV, figs. 3, 4
Formation: Jurassic
Location: Black Hills
— **jurafacies** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 195, no pl.
Formation: Cretaceous, "Above the Caprotina horizon"
Location: Granbury, Texas
— **laticostata** (White) Stanton
U. S. Geol. Sur. Prof. Paper. 98, 1916, p. 311, pl. LXXIX, figs. 9, 10
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **major** (Gabb) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 48, pl. III, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California
— **maloniana** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 48, pl. VI, figs. 1, 2
Formation: Triassic
Location: Malone, Texas
— **monmouthensis** n. sp. Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 504, pl. LV, figs. 9, 10
Formation: Cretaceous, Merchantville marl
Location: New Jersey
— **(Brachydontes) multilinigera** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 457, pl. LXXXVI, fig. 5
Formation: Cretaceous, Fort Benton limestone
Location: Kansas
— **(Brachydontes) multilinigera** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, p. 86, pl. XIX, 1893, fig. 3
Formation: Cretaceous

Location: Wyoming
— **ovata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 508, pl. LV, figs. 16, 17
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **pealii** n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 33, pl. II, fig. 3
Formation: Cretaceous, Bear river
Location: Montana
— **persistens** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 296, pl. XXXVII, fig. 5
Formation: Cretaceous
Location: Queen Charlotte Islands
— **Ravni** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 202, pl. IV, fig. 18
Formation: Jurassic
Location: Kap Stewart, east Greenland
— **siskiyouensis** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, pl. XLVIII, fig. 2
Formation: Cretaceous
Location: Vancouver Islands
— **stonewallensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 196, no pl.
Formation: Cretaceous, Denton Marl
Location: Texas
— **(Brachydontes)** sp. indt. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 395, no pl.
Formation: Cretaceous
Location: Hornby Island; Sucia Islands
— sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 203
Formation: Jurassic
Location: Kap Stewart, east Greenland
— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 468
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 468
Formation: Jurassic
Location: Vesterdalen Danmarks Havn
— sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 91, pl. XX, fig. 4
Formation: Cretaceous, Dakota series
Location: Kansas
— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith river beds
Location: Montana
— **? sp. Shattuck**

U. S. Geol. Sur. Bull. 205, 1903, p. 23, pl. VIII, figs. 4, 5
Formation: Cretaceous
Location: Texas

— **Strajeskiana** (d'Orbigny) Ravn
Meddelelser om Grønland, vol. 45, 1911, p. 467, pl. XXXIII, fig. 9
Formation: Jurassic
Location: "Kloft I" and "Kloft II," Store Koldewey Island, Hochstetter's Foreland; Kuhn Island

— **Strajeskiana** (d'Orbigny) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 467, pl. XXXIII, fig. 9
Formation: Jurassic
Location: "Kloft I," "Kloft II," Store Koldewey Island, Hochstetter's Foreland

— **subimbricata** (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 617, no pl.
Formation: Mesozoic
Location: Yellowstone National Park

— **subinflata** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 507, pl. LV, figs. 20, 21
Formation: Cretaceous, Hornerstown marl
Location: New Jersey

— **wenonah** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 507, pl. LV, fig. 11
Formation: Cretaceous, Wenonah sand
Location: New Jersey

Modiolarca jurassica n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 393, pl. XLV, fig. 2
Formation: Jurassic
Location: Black Hills

Modiolus (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 614, no pl.
Formation: Cretaceous
Location: Maryland

— **burlingtonensis** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., p. 615, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey

— **schallerensis** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128 A, 1920, p. 25, pl. III, fig. 6
Formation: Cretaceous, Cannonball
Location: Schaller, N. Dakota

— **sedesclarus** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 616, pl. XXXVI, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland

— **trigonus** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 616, pl. XXXVI, fig. 3
Formation: Cretaceous, Monmouth
Location: Maryland

Modiomorpha ? lata (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XIV, fig. 2
Formation: Triassic

Location: West Humboldt range, Nevada
— ? **ovata** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 145, pl. XIV, fig. 1
Formation: Triassic
Location: West Humboldt range, Nevada
Modulus lapidosa n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 152, pl. XVII, figs. 6–8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **lapidosa** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 152, pl. XVII, figs. 6–8
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
Mojsvaroceras (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 208, no pl.
Formation: Triassic
— **turneri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 209, pl. XLVIII, figs. 6–11
Formation: Triassic
Location: Shasta county, California
Monophyllites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 93, no pl.
Formation: Triassic
Location: California
— **billingsianus** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 48, pl. V; pl. XXII, figs. 1–5; pl. XLVIII, figs. 8, 9
Formation: Triassic
Location: East and West Humboldt range, Nevada
— **billingsianus** (Gabb) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 94, pl. XXIV, figs. 3, 4
Formation: Triassic
Location: California
Monopleura (Petalodontia) calametiformis (Barcena sp.) Douvillé
Bull. Soc. Géol. France, Fascicule 3, No. 28, 1900, p. 213, figs. 11, 12
Formation: Cretaceous
Location: Mexico
— **(Petalodontia** (Felix n. sp.) Douvillé
Bull. Soc. Géol. France, Fascicule 3, No. 28, 1900, p. 211, figs. 8–10
Formation: Cretaceous
Location: Mexico
— **marcida** (White) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous, Glen Rose, Caprina Limestone
Location: Texas
— **pinguiscula** (White) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous, Glen Rose, Caprina Limestone
Location: Texas
— **(Petalodontia)** sp. Douvillé
Bull. Soc. Géol. France, 3 ser. No. 28, 1900, p. 214
Formation: Cretaceous
Location: Mexico

— **(Himeralites)** sp. Douvillé
Bull. Soc. Géol. France, 3 ser. No. 28, 1900, p. 215
Location: Mexico
— **(Himeraelites) Tulae** (Felix) Douvillé
Bull. Soc. Géol. France, No. 28, 1900, p. 215
Formation: Cretaceous
Location: Mexico
Monoporella exserta (Gabb and Horn) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 349, pl. XXV, figs. 5–7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Monotis symmetrica n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 414, no pl.
Formation: Triassic
Location: Amer. Canyon, California
— **semiplicata** n .sp. Hyatt
Geol. Soc. Amer. Bull. vol. 5, 1894, p. 414, no pl.
Formation: Triassic
Location: Amer. Canyon, California
Morea (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 464, no pl.
Formation: Cretaceous
Location: Maryland
— **marylandica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 466, pl. XVIII, fig. 13
Formation: Cretaceous, Monmouth
Location: Maryland
— **naticella** (Gabb) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 800, pl. XCVIII, figs. 14, 15
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **naticella** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 465, pl. XVIII, fig. 12
Formation: Cretaceous, Matawan
Location: Maryland; New Jersey
— **naticella** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 97, pl. XII, figs. 19, 20
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **naticella** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 97, pl. XII, figs. 19, 20
Formation: Cretaceous, Lower Green Marls
Location: Burlington, New Jersey
— **plicata** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 801, pl. XCVIII, figs. 16, 17
Formation: Cretaceous, Navesink marl
Location: New Jersey
Mortoniceras (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 390, no pl.
Formation: Cretaceous
Location: Maryland
— **crenulatum** n. sp. Anderson
Porc. Cal. Acad. Sci., 3d ser. Geol., vol. 2, 1902, No. 1, p. 125, pl. I,

figs. 17, 18
Formation: Cretaceous
Location: California
— **delawarensis**(Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 837, pl. CIII, fig. 1; pl. CIV, figs. 1–5
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **delawarensis** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 391, pl. XII, fig. 7
Formation: Cretaceous, Matawan
Location: Maryland; Delaware; New Jersey
— **shoshonense** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 179, pl. XLIII, figs. 1, 2
Formation: Cretaceous, Fort Benton group
Location: Wyoming
— **shoshonense** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 471, pl. CIII, figs. 1, 2
Formation: Cretaceous, Fort Benton limestone
Location: Mitchell county, Kansas
— **vermillionense** (M.. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 180, pl. XLIV, fig. 1
Formation: Cretaceous, Fort Benton group
Location: Nebraska
— **vermilionense** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 472, pl. CIV, fig. 1
Formation: Cretaceous, Fort Benton limestone
Location: Kansas
— ? **vermillionense** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLV, fig. 1, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **worthense** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 91, pl. I, figs. 6–10, 18, 19, 26
Formation: Cretaceous, Pawpaw
Location: Fort Worth, Texas
Mucronella aspera (Ulrich) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 354, pl. XXVI, figs. 14, 15
Formation: Cretaceous, Vincentown limestone
Location: New Jersey; Maryland
— **aspera** (Ulrich) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 743, pl. XLVI, figs. 8, 9
Formation: Cretaceous, Rancocas
Location: Delaware; New Jersey; Maryland
— **muralis** (Gabb & Horn) Weller
Geol. Sur. N. J. Pal., vol. 4. 1907, p. 352, pl. XXVI, fig. 10
Formation: Cretaceous, Vincentown limestone
Location: New Jersey
— **pumila** (Gabb & Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 355, pl. XXVI, figs. 16, 17
Formation: Cretaceous, Vincentown limestone
Location: New Jersey
— **typica** (Gabb & Horn) **Weller**

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 353, pl. XXVI, figs. 12, 13
Formation: Cretaceous, Vincentown limestone
Location: New Jersey

Multicolumastrea n. gen. Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 236, no pl.
Formation: Cretaceous, Blue Mountain series

— **cyathiformis** (Duncan) Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 236, pl. XXXVII, figs. 5–7; pl. III, fig. 1
Formation: Cretaceous, Blue Mountain series
Location: Catadupa, Mount Hindmost, Parish of Clarendon, Jamaica

Myalina ? platynotis (White) Girty
U. S. Geol. Sur. Prof. Paper 111, p. 648
Formation: Triassic
Location: Park City district, Utah

Mycetopoda diluculi n. sp. Wanner
Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 36, pl. III, fig. 1
Formation: Triassic
Location: Little Conewago Creek, York Co., Penn.

Myoconcha americana n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 48, pl. II, fig. 11
Formation: Cretaceous, Knoxville beds
Location: California

— **borealis** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 203, pl. IV, fig. 19
Formation: Jurassic
Location: Kap Stewart, east Greenland

Myophoria suttonensis n. sp. Clapp and Shimer
Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 433, pl. XLI, figs. 12–14
Formation: Jurassic
Location: Cowichan Lake, Vancouver Island

Myrtaea (Turton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 658, no pl.
Formation: Cretaceous
Location: Maryland

— **stephensoni** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 659, pl. XXXIX, figs. 10, 11
Formation: Cretaceous, Monmouth
Location: Maryland

Mytilus dichotomus n. sp. Cooper
Cal. State Mining Bureau, Bull. No. 4, 1894, p. 49, pl. V, fig. 64
Formation: Cretaceous
Location: California

— **cf. lanceolatus** (Sowerby) Merriam
Univ. Cal. Pub. Bull. Geol. vol. 2, 1901, p. 282, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon

— **nuntius** (Simi) Brug. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 48, pl. VI, figs. 4, 5
Formation: Jurassic
Location: Marlone, Texas

— **oblivius** (Whitfield) Weller

Geol. Sur. N. J. Pal. vol. 4, 1907, p. 503, pl. LV, figs. 5–8
Formation: Cretaceous, Cliffwood clay, Wenonah sand
Location: New Jersey

— **pauperculus** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 394, no pl.
Formation: Cretaceous
Location: Vancouver Islands

— **smocki** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 502, pl. LV, figs. 1–4
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **subarcuatus** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

Nannites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 78, no pl.
Formation: Triassic

— **contractus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 45, pl. XXI, figs. 13–17
Formation: Triassic
Location: West Humboldt range, Nevada

— **dieneri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 79, pl. VII, figs. 5–25
Formation: Triassic
Location: California

— **dieneri** (Hyatt and Smith) Smith
Leland Stan. Jun. Univ., Pub. 1914, pl. III, figs. 4–8
Formation: Lower Triassic
Location: California

Nannitinae (Diener.) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
Formation: Triassic

Nanno kingstonensis n. sp. Whiteaves
Amer. Geol., vol. 35, 1905, p. 27, pl. III
Formation: Cretaceous
Location: Ontario, Canada

— **primaevus** n. sp. Whiteaves
Amer. Geol., vol. 35, 1905, p. 26, pl. II, figs. 3, 3a
Formation: Cretaceous
Location: Ontario, Canada

Nassa globosa (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 738, pl. LXXXVI, fig. 1
Formation: Cretaceous, Wenonah sand
Location: New Jersey; North Carolina; Mississippi

Natica abyssina (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 175, pl. XXI, figs. 12, 13
Formation: Cretaceous, Middle Green Marls
Location: New Jersey

— **abyssina** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 123, pl. XV, figs. 9–12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **abyssina** (Morton) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 123, 175, pl. XV, figs. 9–12; pl. XXI, figs. 12, 13
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, Trenton Falls, and Burlington, New Jersey

— (**Ampullina**) **altilerata** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 61, Lám. XIII, figs. 2, 3, 7
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico

— **bilabiata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 95, pl. XX, figs. 9, 10
Formation: Jurassic
Location: Malone, Texas

— aff. **collina** (Conr.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 143, Lám. 30, figs. 7, 8
Formation: Lower Cenomanian
Location: Cerro Muleros, Mexico

— **finlayensis** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 94, pl. XX, figs. 15, 16
Formation: Jurassic
Location: Malone, Texas

— **humilis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 224, pl. XLVI, fig. 2
Formation: Cretaceous, Lower Cross Timber Division
Location: Southwest of Lewisville, on Timber creek, Texas

— **inflecta** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 94, pl. XX, figs. 11, 12
Formation: Jurassic
Location: Malone, Texas

— **pedernalis** (Roem) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 142, Lám. 30, fig. 9
Formation: Vraconian
Location: Chihuahua

— sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 140, pl. X, fig. 29
Formation: Cretaceous, Weno
Location: Gainesville, Texas

— sp. indt. Johnson
Columbia Univ. Contr. Geol. Dept. Vol. X, No. 90, 1903, p. 128
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mts., New Mexico

— sp. indt. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 200
Formation: Cretaceous, Fort Pierre shales
Location: Santa Rosa Mts., New Mexico

— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 482
Formation: Jurassic
Location: "4 Saenkning," "Kloft I," Store Koldewey Island, Greenland

— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,

1911, p. 482
Formation: Jurassic
Location: "Kloft I," Store Koldewey Island, Greenland

— sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 630, no pl.
Formation: Jurassic
Location: Yellowstone National Park

— striatacostata n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 225, no pl.
Formation: Cretaceous, Eagle Ford Shale
Location: Four miles east of Whitesboro, Texas

— ? texana (Conrad) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 32
Formation: Cretaceous
Location: Texas

— williamsi n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p.93, pl. XX, figs. 7, 8
Formation: Jurassic
Location: Malone, Texas

Nautilus (Gabb) **bryani** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 244, pl. XXXVIII, figs. 5, 6
Formation: Cretaceous, Middle Green Marls
Location: New Jersey

— **bryani** (Gabb) Whitfield
U. S. Mon. 18, 1892, p. 244, pl. XXXVIII, figs. 5, 6
Formation: Cretaceous, Middle Marl beds
Location: Vincentown, New Jersey

— **bryani** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 818, pl. CI, figs. 1, 2
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **burkarti** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 12, Lám. XXI, fig. 3
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico

— **burkarti** (Castillo and Aguilera ?) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 100, pl. XXII, fig. 1
Formation: Jurassic
Location: Malone, Texas

— **campbelli** (Meek) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 327, no pl.
Formation: Cretaceous
Location: Northwest side of Hornby Island and Camox, Vancouver Island

— (Cyrnatoceras) **carlottensis** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 269, no pl.
Formation: Cretaceous
Location: Maple Island; Skidegate Inlet; of the Queen Charlotte Islands

— **charlottensis** (Whiteaves) Anderson
Cal. Acad. Sci. Proc., 3d ser., vol. 2, No. 1, 1902, p. 78, no pl.
Formation: Cretaceous, Horsetown
Location: California

— **dekayi** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 243, pl. XXXVII, figs. 1–6; pl. XXXVIII, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **dekayi** (Morton) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 243, pl. XXXVII, figs. 1–6; pl. XXXVIII, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: Monmouth county, Mullica Hill, and Burlington, New Jersey

— **dekayi** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 817, pl. C, figs. 1–5
Formation: Cretaceous, Navesink marl; Red Bank sand
Location: New Jersey

— **elegans** (Sowerby) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 163, pl. XXXV, fig. 1
Formation: Cretaceous, Fort Benton Shales
Location: Chippewa point on the Upper Missouri river, Montana

— **gabbi** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 77, no pl.
Formation: Cretaceous, Upper Horsetown
Location: Shasta county, California

— **hilli** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 35, pl. XXXIII, fig. 3, pl. XXIV, figs. 3, 4
Formation: Cretaceous
Location: Shoal creek, Austin, Texas

— **naufragus** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 100, pl. XXIII, fig. 3; pl. XXIV, fig. 3
Formation: Jurassic
Location: Malone, Texas

— sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 68, no pl.
Formation: Cretaceous, Pawpaw
Location: Teaxs

— sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 78, no pl.
Formation: Cretaceous
Location: Santa Ana Mountains

— **suciensis** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 327, no pl.
Formation: Cretaceous
Location: Sucia Islands

— **texanus** (Shumard ?) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1030, no pl.
Formation: Cretaceous, Eocene transition, Chico and Tejon
Location: California

— **texanus** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 236, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Texas

— **texanus** (Shumard) Shattuck
  U. S. Geol. Sur. Bull. 205, 1903, p. 34, pl. XXIII, figs. 1, 2; pl. XXIV, figs. 1, 2
  Formation: Cretaceous, Buda limestone
  Location: Shoal creek, Austin, Texas; Fort Worth, Texas
— **texanus** (Shumard) Adkins
  Univ. of Texas Bull. No. 1856, 1918, p. 68, no pl.
  Formation: Cretaceous, Duck creek limestone to Buda limestone
  Location: Teaxs
— **texanus** (Shumard) Adkins and Winton
  Univ. of Texas Bull. No. 1945, 1919, p. 32, pl. XX, figs. 1, 2
  Formation: Cretaceous, Washita series
  Location: Teaxs
— **washitanus** n. sp. Cragin
  Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 67, no pl.
  Formation: Cretaceous, Washita limestone
  Location: Texas
Neanites n. subgen. Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 189, no pl.
Nebrodites n. gen. Burckhardt
  Inst. Geol. de México, Bol. 29, 1912, p. 83
  Formation: Jurassic
— (Burckhardt) Roig
  Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba, 1920, p. 31
  Formation: Jurassic
— **aff. agrigentinus** (Favre) Burckhardt
  Inst. Geol. de México, Bol. 29, 1912, p. 90, Lám. XX, fig. 6; Lám. XXI, figs. 7–9
  Formation: Jurassic, Kimeridgian
  Location: San Pedro del Gallo, Durango
— **aff. agrigentinus** (E Favre) Roig
  Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba 1920, p. 31, Lám. XIV, Figs. 2–2a
  Formation: Jurassic, Kimeridgian
  Location: Puerta del Ancón
— **crassicostatus** n. sp. Burckhardt
  Inst. Geol. de México, Bol. 29, 1912, p. 93, Lám. XXI, figs. 1–3, 6
  Formation: Jurassic, Kimeridgian
  Location: San Pedro del Gallo, Durango
— **flexuosus** n. sp. Burckhardt
  Inst. Geol. de México, Bol. 29, 1912, p. 92, Lám. XXI, figs. 4, 5, 10, 11
  Formation: Jurassic, Kimeridgian
  Location: San Pedro del Gallo, Durango
— **haizmanni** n. sp. Burckhardt
  Inst. Geol. de México, Bol. 29, 1912, p. 89, Lám. XXII, Figs. 2–4
  Formation: Jurassic, Kimeridgian
  Location: San Pedro del Gallo, Durango
— **nodosocostatus** n. sp. Burckhardt
  Inst. Geol. de México, Bol. 29, 1912, p. 98, Lám. XXIII, figs. 1–5
  Formation: Jurassic, Kimeridgian
  Location: San Pedro del Gallo, Durango
— sp. (aff. **Nodosocostatus** Burckhardt) Roig

Secretaria de Agr. Comercio y Trabajo Bol. Especial 1920, p. 32, Habana, Cuba
Formation: Jurassic
Location: Cuba

— **quenstedti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 100, Lám. XXIV, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **rota** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 96, Lám. XXII, figs. 1, 9–11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— sp. (Stanton) Roig
Secretaria de Agr. Comercio y Trabajo, Bul. Especial, Habana, Cuba, p. 33, Lám. XIV, fig. 1
Formation: Jurassic
Location: Viñales

— **zitteli** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 95, Lám. XXII, figs. 5–8
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

Neithea altana n. sp. Kniker
Univ. of Texas Bull. No. 1817, 1918, p. 36, pl. VII, figs. 1–3
Formation: Cretaceous, Georgetown
Location: Austin, Texas

— **austinensis** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 46, pl. IX, figs. 4–6; pl. X, fig. 2
Formation: Cretaceous, Austin chalk
Location: Austin, Texas

— **bellula** (Cragin) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 22, pl. III, figs. 3–11
Formation: Cretaceous, Georgetown
Location: Austin, Texas

— **boesi** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 42, pl. VIII, figs. 11–19
Formation: Cretaceous, Buda
Location: Austin; Round Rock

— **budensis** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 36, pl. VII, figs. 4–12
Formation: Cretaceous, Buda
Location: Austin; Round Rock; Manchaca

— **casteeli** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 51, pl. X, figs. 7–11
Formation: Cretaceous
Location: Austin, Texas

— **duplicicosta** (Roem.) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 19, pl. II, figs. 7, 8; pl. III, figs. 1, 2
Formation: Cretaceous, Edwards
Location: Austin, Texas

— **georgetownensis** n. sp. Kniker
Univ. of Texas Bull., No. 1817, p. 31, pl. VI, 1918, figs. 1–3

Formation: Cretaceous, Georgetown
Location: Austin, Texas
— **georgetownensis** n. sp. var. **subirregularis** n. var. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 33, pl. VI, figs. 4, 5
Formation: Cretaceous, Georgetown
Location: Austin, Texas
— **hartmani** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 48, pl. X, figs. 3–6, 12
Formation: Cretaceous, Austin chalk
Location: Walnut creek, Sprinkle, Texas
— **irregularis** (Boese) Kniker
Univ. of Texas Bull. No. 1817, 1918, p. 18, pl. II, figs. 1–6
Formation: Cretaceous, Walnut and Glen Rose
Location: Mount Bonnell and Mount Barker, Austin, Texas
— **quinquecostata** ? Harris and Veatch
Geol. Sur. La. Rept. 1899, p. 294, pl. XLIX, figs. 6, 7
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville Parish, Louisiana
— **quinquecostata** (Sowerby) Weller
Geol. Sur. N. J. Pal., vol. 4, p. 481, pl. LI, figs. 7–12
Formation: Cretaceous, Merchantville clay-marl, Marchalltown clay-marl, Navesink marl
Location: New Jersey
— **roemeri** (Hill) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 43, pl. IX ,figs. 1–3; pl. X, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
— **simondsi** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 41, pl. VIII, figs. 1–10
Formation: Cretaceous, Buda
Location: Austin: Manchaca; Round Rock
— **subalpina** (Boese) Kniker
Univ. of Texas Bull. 1817, 1918, p. 28, pl. V, fig. 4
Formation: Cretaceous, Del Rio, Buda
Location: Austin; San Marcos, Buda, Manchaca
— **subalpina** (Boese) var. **linki** n. var. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 30, pl. V, figs. 5, 6
Formation: Cretaceous, Georgetown
Location: Austin, Texas
— **texana** (Roem.) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 25, pl. IV, figs. 4–7; pl. V, fig. 1
Formation: Cretaceous, Georgetown
Location: Austin, Texas
— **texana** (Roem.) var. **elongata** (Boese) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 28, pl. V, figs. 2, 3
Formation: Cretaceous, Del Rio and Buda
Location: Austin; San Marcos
—**theodori** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 34, pl. VI, figs. 6–9
Formation: Cretaceous, Georgetown
Location: Austin, Texas

— **whitneyi** n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 39, pl. VII, figs. 13–17
Formation: Cretaceous, Buda
Location: Austin and Manchaca
—**wrighti** (Shumard) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 23, pl. IV, figs. 1–3
Formation: Cretaceous, Georgetown
Location: Austin, Texas
Nemoarca cretacea (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 413, pl. XXX, figs. 25, 26
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah and Red Bank sand
Location: New Jersey
Nemodon — see **Arca**
Nemodon (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 524, no pl.
Formation: Cretaceous
— **angulatum** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 388, pl. XXX, fig. 15
Formation: Cretaceous, Navesink marl
Location: Burlington county, New Jersey
— **brevifrons** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 389, pl. XXX, figs. 12–14
Formation: Cretaceous, Cliffwood clay, Wenonah sand
Location: New Jersey
— **cecilius** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 528, pl. XX, figs. 5–7
Formation: Cretaceous, Monmouth
Location: Maryland
— **conradi** (Johnson) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 387, pl. XXX, fig. 7
Formation: Cretaceous, Woodbury clay
Location: Near Haddonfield, New Jersey
— **eufalensis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 525, pl. XX, figs. 3, 4
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; Alabama; Mississippi
— **mcconelli** n. sp. McLearn
Can. Dept. Mines Mus. Bull., 29, 1919, p. 10, pl. III, fig. 6
Formation: Cretaceous, Peace River formation
Location: Peace River, Alberta
— **eufaulensis** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 385, pl. XXX, figs. 8–11
Formation: Cretaceous, Merchantville clay marl, etc.
Location: New Jersey
— **stantoni** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 527, pl. XIX, fig. 15
Formation: Cretaceous, Monmouth
Location: Maryland
— **sulcatinus** (Evans and Shumard sp. ?) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 91, pl. XXI, fig. 5
Formation: Cretaceous, Montana
Location: Near Grand river, Dakota
— **sulcatinus** (Evans and Shumard) Herrick and Johnson

Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9, pl. XXXVIII, fig. 5, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

Neocomites densestriatus n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 190, Lám. XLV, figs. 1–15, 19
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

— **praeneocomiensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 193, Lám. XLV, figs. 16–18, 20, 21–23
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 195, Lám. XLVI, figs. 1, 3
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

Neoptychites aff. cephalotus (Courtiller) Böse
Univ. of Texas Bull., No. 1856, 1918, p. 221, pl. XVIII, figs. 3, 10, 13
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico

— **aff. xetriformis** (Pervinquiere) Böse
Univ. of Texas Bull., No. 1856, 1918, p. 223, pl. XVIII, figs. 9, 11
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico

Neptunea — see **Fusus**

Neptunella mullicaensis n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 56, pl. IV, figs. 20, 21
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **mullicaenis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 56, pl. IV, figs. 20, 21
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey

(?Nereis) incognita n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 1, pl. I, figs. 20–22
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

Nerinaea austinensis (Roemer) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 36, no pl.
Formation: Cretaceous
Location: Texas

— **(Plesioptygmatis) burckhardti** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 66, Lám. XV, figs. 3–13
Formation: Cretaceous, Senonian
Location: Between Cárdenas and Escontria, Mexico

— **circumvaluta** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 97, pl. XXI, figs. 4, 5
Formation: Jurassic
Location: Malone, Texas

— **(Plesioptygmatis)** nov. subgen. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 65, Lám. XV, figs. 3–13

— **dispar** ? (Gabb var.) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 363, no pl.
Formation: Cretaceous
Location: Hornby Island
— **dispar** ? (Gabb) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1896, p. 127, pl. III, fig. 4
Formation: Cretaceous
Location: Hornby Island
— **cf.forojuliensis** (Pirona) Bohm
Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 330, figs. 9, 10
Formation: Cretaceous
Location: Cerro Escamela, Orizaba, Mexico
Nerinea goodellii n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 96, pl. XXI, figs. 1–3
Formation: Jurassic
Location: Malone, Texas
— **hicoriensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 225, pl. XLII, figs. 6, 7
Formation: Cretaceous, Dinosaur sands
Location: Hickory creek, Travis county, Texas
— **pellucida** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 226, pl. XLII, fig. 5
Formation: Cretaceous, Caprina limestone
Location: Austin, Texas
— sp. Boehm
Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 331, fig. 11
Formation: Cretaceous
Location: Cerro Escamela, Orizaba, Mexico
— **volana** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 226, pl. XLII, fig. 8
Formation: Cretaceous, Vola limestone
Location: On San Gabriel, six miles below Georgetown, Texas
Nerinella stantoni n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 98, pl. XXI, figs. 6–9
Formation: Jurassic
Location: Malone, Texas
Nerita finlayensis n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 90, pl. XIX, fig. 15
Formation: Jurassic
Location: Texas
— **nodilirata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 90, pl. XX, figs. 1–4
Formation: Jurassic
Location: Texas
— **peroblata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 91, pl. XIX, figs. 16, 17
Formation: Jurassic
Location: Malone, Texas
— sp. Adkins
Univ. of Texas Bull., No. 1856, 1918, p. 139, pl. X, fig. 28
Formation: Cretaceous, Weno
Location: Gainesville, Texas

Neritina aparata n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 227, pl. XLVI, fig. 14
Formation: Cretaceous, Caprina beds
Location: Big Springs, Howard Co., Texas
— **baueri** Stanton n. sp.
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 317, pl. LXXXIII, figs. 1–4
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **incompta** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 128, pl. XXVIII, figs. 4, 5
Formation: Cretaceous
Location: Sulphur creek valley, near Hillard Station, Wyoming
— **naticiformis** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 49, pl. VI, figs. 10–12
Formation: Cretaceous, Bear river formation
Location: Near Cokeville, Wyoming
— **(Velatella) patelliformis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 128, pl. XXVIII, figs. 6–10
Formation: Cretaceous
Location: Coalville, Utah, and at Bear River City, Wyoming
— **(Velatella)** sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 318, no pl.
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **pisum** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 127, pl. XXVIII, figs. 1–3
Formation: Cretaceous
Location: Coalville, Utah
— sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 139, pl. X, fig. 27
Formation: Cretaceous, Weno
Location: Gainesville, Texas
— sp. indt. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 141, Lám. XXX, figs. 5, 6
Formation: Vraconian
Location: Cerro Muleros, Mexico
— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
Formation: Cretaceous, Judith river beds
Location: Montana
— sp. indt. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 37, no pl.
Formation: Cretaceous. Base of Glen Rose
Location: Arkansas; Texas
— **stantoni** n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 49, pl. VI, figs. 16, 17, 18
Formation: Cretaceous, Bear river formation
Location: Near Cokeville, Wyoming
— **wyomingensis** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 629, pl. LXXV, figs. 4, 5
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park

Neritoma marcouana n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 62, no pl.
Formation: Cretaceous, Kiowa Shales
Location: Kansas

— **(?) (Oncochilus) occidentalis** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 399, pl. L, figs. 1–6
Formation: Jurassic
Location: Black Hills

Neritopsis biangulatus (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 227, no pl.
Formation: Cretaceous, Eagle Ford Shale
Location: Four miles east of Whitesboro, Texas

— **tramitensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 227, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Bear creek, Tarrant county, near Dallas, Tarrant county line, Texas

Neumayria — see **Oppelia**

— **crucis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 48, Lám. X, figs. 4–6, 8
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **nikitin** Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 9
Formation: Jurassic
Location: Mexico

— **ordoñezi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 11, Lám. I, figs. 5–7; pl. II, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **profulgens** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 10, Lám. I, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **subrasilis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 127, Lám. XXXIV, figs. 8–14
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **walcotti** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 37, pl. VIII, figs. 1–3
Formation: Cretaceous
Location: Arkansas

Nevadites n. gen. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 121, no pl.

— **fontainei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 122, pl. XLI, figs. 16–27; pl. LI, figs. 1–9
Formation: Triassic
Location: West Humboldt range, Nevada

— **humboldtensis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 123, pl. LXXVIII, figs. 1–3; pl. LXXIX, figs. 1–10

Formation: Triassic
Location: West Humboldt range, Nevada

— **hyatti** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 124, pl. LXXVII, figs. 1-13
Formation: Triassic
Location: West Humboldt range, Nevada

— **merriami** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 125, pl. LXXV, figs. 1–14, pl. LXXVI, figs. 1–16
Formation: Triassic
Location: West Humboldt range, Nevada

— **sindairi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 126, pl. LXXXI, figs. 17–19; pl. LXXXII, figs. 1–3
Formation: Triassic
Location: West Humboldt range, Nevada

— **whitneyi** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 126, pl. XLVIII, figs. 4, 5; pl. LXXX, figs. 1–8; pl. LXXXI, figs. 1–16
Formation: Triassic
Location: West Humboldt range, Nevada

Nodosaria acuminata (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 205, no pl.
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **acuminata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 36, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey

— **adolphina** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 206, pl. I, fig. 42
Formation: Cretaceous, Vincentown limesand
Location: Swedesboro, New Jersey

— **adolphinula** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 37, no pl.
Formation: Cretaceous to Rcent, Rancocas
Location: New Jersey

— **annulata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 37, no pl.
Formation: Cretaceous, Monmouth and Rancocas
Location: New Jersey

— **annulata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 207
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey

— **communis** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 103
Formation: Cretaceous
Location: Mullica Hill, New Egypt, Timber Creek, and Crosswick's Creek, New Jersey

— **communis** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, p. 36, 1895, pl. D, figs. 7, 8

Formation: Cretaceous
Location: Nebraska
— **communis** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 37, no pl.
Formation: Monmouth and Rancocas
Location: New Jersey
— **communis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 207
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **consobrina** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 38, no pl.
Formation: Cretaceous to Recent, Matawan
Location: New Jersey
— **consobrina** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 208, pl. I, figs. 48, 49
Formation: Cretaceous, Marshalltown clay marl
Location: Marshalltown, New Jersey
— **consobrina** var. **emaciata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 38, no pl.
Formation: Cretaceous, Matawan and Rancocas
Location: New Jersey
— **consobrina** var. **emaciata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 209, pl. I, figs. 45, 46
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **farcimen** (Soldani) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 38, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **farcimen** (Soldani) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 210, pl. I, fig. 50
Formation: Cretaceous, Vincentown limesand
Location: New Egypt, New Jersey
— **filiformis** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 105
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
— **filiformis** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 39, no pl.
Formation: Cretaceous, Monmouth and Rancocas
Location: New Jersey
— **filiformis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 211, pl. I, fig. 47
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **indifferens** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 39, no pl.
Formation: Cretaceous
Location: New Jersey
— **indifferens** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 211
Formation: Cretaceous, Navesink marl

Location: New Jersey
— **inornata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 39, no pl.
Formation: Cretaceous
Location: New Jersey
— **inornata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 212, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey
— **laevigata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 40, no pl.
Formation: Cretaceous
Location: New Jersey
— **laevigata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 212, pl. I, figs. 51–54
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **longiscata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 40
Formation: Cretaceous
Location: New Jersey
— **longiscata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 213
Formation: Cretaceous, Manasguan marl
Location: Vincentown, New Jersey
— **multicostata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 40, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **multicostata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 214, no pl.
Formation: Cretaceous, Horsetown marl
Location: Blue Ball, New Jersey
— **nitida** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 41, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **nitida** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 214, pl. II, fig. 14
Formation: Cretaceous, Horsetown marl
Location: Blue Ball, New Jersey
— **obliqua** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 105
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, and Harrisonville, New Jersey
— **obliqua** (Linné) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 41, no pl.
Formation: Matawan, Monmouth, Rancocas, and Manasquan
Location: New Jersey
— **obiqua** (Linné) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 215, pl. II, figs. 12, 13
Formation: Cretaceous, Marshalltown clay-marl

Location: New Jersey
— **pauperata** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 42, no pl.
Formation: Cretaceous, Manasquan
Location: New Jersey
— **pauperata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 216, pl. II, figs. 6–8
Formation: Cretaceous, Mansquan marl
Location: Vincentown, New Jersey
— **polygona** (Reuss) Bagg
Johns Hop. Univ. Cir., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Navesink
Location: Cream Ridge, N. J.
— **polygona** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 42, no pl.
Formation: Cretaceous
Location: New Jersey
— **polygona** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 217, pl. II, figs. 9–11
Formation: Cretaceous, Marshalltown clay marl
Location: Marshalltown, New Jersey
— **radicula** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 107
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **radicula** (Linné) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 42, no pl.
Location: New Jersey
Formation: Cretaceous, Rancocas
— **radicula** (Linné) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 218, pl. II, fig. 5
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **raphanistrum** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 110
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
— **raphanus** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 108
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **raphanus** (Linné) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **raphanus** (Linné) Weller
Geol. Sur. N.J. Pal., vol. 4, 1907, p. 218, pl. II, figs. 3, 4
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **roemeri** (Neugoboren) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
Formation: Cretaceous
Location: New Jersey

— **roemeri** (Neugoboren) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 219, pl. II, figs. 1, 2
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey

— **rotaundata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
Formation: Cretaceous
Location: New Jersey

— **rotundata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 220, no pl.
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **scabra** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
Formation: Cretaceous
Location: New Jersey

— **scabra** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 220, no pl.
Formation: Cretaceous, Manasquan marl
Location: Vincentown, New Jersey

— **scalaris** (Batsch) Woodward
New York Microscipical Soc. Journ., vol. X, No. 4, 1894, p. 110
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey

— **(D) scluta** (Reuss) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p .112
Formation: Cretaceous
Location: Timber Creek, New Jersey

— sp. Calvin
Iowa Geol. Sur., vol. III, 2d Ann. Rept., 1895, p. 229, pl. XIX, figs. 11, 12, 13
Formation: Cretaceous
Location: St. Helena, Nebraska; Yankton, S. Dakota

— sp. Stanton and Vaughan
U. S. Prof. Paper 128 A, 1920, p. 18, pl. I, fig. 13
Formation: Cretaceous, Cannonball
Location: Lark, N. Dakota

— **spinulosa** (Montague) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 44, no pl.
Formation: Cretaceous
Location: New Jersey

— **spinulosa** (Montague) Weller
Geol. Sur. N. J. Pal., vol. 4 ,1907, p. 221, no pl.
Formation: Cretaceous, Manasquan marl
Location: Vincentown, New Jersey

— **texana** (Conrad) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 177, Lám. XXXV, figs. 4–6, 9; Lám. XLV, fig. 3
Formation: Cenomanian
Location: Cerro Muleros

— **texana** (Conrad) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 145, pl. XI, fig. 2
Formation: Cretaceous, Weno, Pawpaw

Location: North Texas
— **texana** (Conrad) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 76, pl. XIX, figs. 1, 2; pl. XXI
Formation: Cretaceous, Weno to Pawpaw
Location: Texas
— **vertebralis** (Batsch) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 113
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
— **vertebralis** (Batsch) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 44, no pl.
Formation: Cretaceous
Location: New Jersey
— **vertebralis** (Batsch) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 221, no pl.
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **williamsi** n. sp. Bagg
Johns Hopkins Univ. Circulars No. 121, 1895, pp. 11–12
Formation: Cretaceous
Location: New Jersey
— **williamsi** (Bagg) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 45, pl. III, figs. 2a, 2b
Formation: Cretaceous, Rancocas
Location: New Jersey
— **williamsi** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 222, pl. II, figs. 15, 16
Formation: Cretaceous, Vincentown limesand
Location: Swedesboro, New Jersey
— **zippei** (Reuss) Bagg
John Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 12
Formation: Cretaceous, Rancocas
Location: Freehold, Blue Ball, Vincentown, Harrisonville, N .J.
— **zippei** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 45, pl. III, fig. 1
Formation: Cretaceous, Matawan, Monmouth, Rancocas, Manasquan
Location: New Jersey
— **zippei** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 223, pl. II, fig. 24
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey
Nonionima scapha (Fichtel and Moll.) sp. Woodward and Thomas
Geol. and Nat. Hist. Surv. of Minn., vol. 3, pt. 1, 1895, p. 48, pl. E, figs. 35, 36
Formation: Cretaceous
Location: South Chicago, Illinois
Nucula (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 511
— **(acila)** sp. Davis
Jour. Geol. vol. 21, 1913, p. 455
Formation: Jurassic, Slate's Springs (Franciscan)
Location: California

— **amica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 514, pl. XIX, figs. 5, 6
Formation: Cretaceous, Monmouth
Location: Maryland

— **catherina** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 4, no pl.
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

— **chickasaensis** n. sp. Cragin
Col. Coll. Studies, 5th Ann. Pub., 1894, p. 56, no pl.
Formation: Cretaceous, Comanche Peak limestone
Location: Oklahoma

— **coloradoensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 94, pl. XXI, fig. 9
Formation: Cretaceous, Fort Benton shales
Location: On Williams creek, Huerfano park, Colorado

— **coloradoensis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVIII, fig. 9, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **concentrica** ? Say [Harris]
Amer. Pal. Bull., vol. 1, No. 5, 1896, p. 317, pl. X, fig. 6
Formation: None given, possibly Cretaceous

— **dowlingi** n. sp. McLearn
Canada Dept. Mines Mus. Bull., No. 29, 1919, p. 9, pl. III, figs. 1, 2
Formation: Cretaceous, St. John formation
Location: Peace River, B. C.

— **gabbi** n. sp. Stanton
U. S. Geol. Sur. Bull., 133, p. 51, pl. VI, figs. 11, 12
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California

— **Guadalupae** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 120, Lám. XXIII, figs. 1–10
Formation: Vraconian
Location: Chihuahua, Mexico

— **hornbyensis** (nom. prov.) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1896, p. 122, pl. III, fig. 2
Formation: Cretaceous
Location: Northwest side of Hornby Island

— **hornbyensis** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 388, pl. XLVI, fig. 4
Formation: Cretaceous
Location: Hornby Islands

— **laevis** (Say) [Harris]
Bull. Amer. Pal., vol. I, No. 5, 1896, p. 317, pl. X, fig. 5
Formation: None given

— **microstriata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 515, pl. XIX, fig. 7
Formation: Cretaceous, Monmouth
Location: Maryland

— **nokonis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 118, pl. X, figs. 12–16, 19, 20
Formation: Cretaceous, Weno
Location: Gainesville, Texas

— **percrassa** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 369, pl. XXIX, figs. 1–5
Formation: Cretaceous, Cliffwood, Merchantville clay-marls
Location: Cliffwood Point, Merchantville, and Lorillard, N. J.

— **planimarginata** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 19, pl. I, figs. 2, 3
Formation: Cretaceous, Cannonball
Location: Lemmon, S. Dakota

— **richardsoni** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 122
Location: Trent River, Vancouver

— **richardsoni** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 389, no pl.
Formation: Cretaceous
Location: Trent river, Vancouver Island

— **slackinana** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 511, pl. XIX, figs. 1–4
Formation: Cretaceous, Matawan, Monmouth, Magothy
Location: Delaware; Maryland; New Jersey

— **(Acila)** sp. Davis
Journ. Geol., vol. 21, 1913, p. 455
Formation: Jurassic
Location: Slate's Springs, California

— sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 638, no pl., (no description)
Formation: Cretaceous, Montana
Location: Yellowstone National Park

— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— sp. Kittl
Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907, p. 32
Formation: Triassic
Location: Hutinsel im Bayfjord

— **storrsi** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 52, pl. VI, figs. 13, 14
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California

— **subplana** (M. & H.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 195. (See Rept. U. S. Geol. Sur. Terr., vol. 9, p. 99)
Formation: Cretaceous, Fort Pierre age
Location: Santa Rosa Mountain, New Mexico

— **subplana** (M. & H.) Johnson
Columbia Univ. Contrib. Geol. Dept., vol. X, No. 90, 1903, p. 123

Formation: Cretaceous. Fort Pierre age
Location: Santa Rosa Mountain, New Mexico
— **subplana** (M. & H.) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 20, pl. I, figs. 4–7
Formation: Cretaceous, Cannonball
Location: Price and Mandan, N. Dakota
— **(Acila) truncata** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1033, no pl.
Formation: Cretaceous-Tertiary transition, Chico and Tejon
Location: California
— **(Acila) truncata** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 389, no pl.
Formation: Cretaceous
Location: Vancouver Island; Hornby Island; Sucia Islands
— **wenoensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 120, pl. X, figs. 10, 11
Formation: Cretaceous, Weno
Location: Denison, Texas
— **whitfieldi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 371, pl. XXIX, figs. 6–12
Formation: Cretaceous, Cliffwood clay
Nudivagus n. gen. Wade
Phila. Acad. Nat. Sci., vol. 69, 1917, p. 296
— **simplicus** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 297, pl. XIX, figs. 4, 5
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
Obeliscus conellus n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 151, pl. XIX, fig. 1
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **conellus** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 151, pl. XIX, fig. 1
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
— **conellus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 672, pl. LXXVI, fig. 1
Formation: Cretaceous, Woodbury clay
Location: New Jersey
Ochetoceras canaliculatum (d'Orbigny) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 5, Lám. I, figs. 1–7
Formation: Jurassic, Oxfordian
Location: Durango, Mexico
— **canaliculatum** (d'Orbigny) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 25
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón, Laguna de Piedra, Cuchillas de Rivera, Viñales, Cuba
— **canaliculatum** Roig
Revista de Agr. Comercio y Trabajo Ano 2, No. 12, Habana, 1919, p. 589, fig. 3
Formation: Jurassic
Location: Viñales, Cuba

— **canaliculatum** (von Buch) **burckhardti** n. var. O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 681, pl. XXXVII, figs. 1, 2, 3
Formation: Upper Oxfordian
Location: Viñales Pinar del Rio, Cuba

— **mexicanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 7, Lám. I, figs. 8–12
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango

— **mexicanum** (Burckhardt) O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 686, pl. XXXVIII, figs. 1, 2, 3, Cuba
Formation: Upper Oxfordian, Jurassic
Location: Viñales Pinar del Rio, Cuba

— **mexicanum** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 26, Lám. XV, fig. 4
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón, Viñales, Cuba

— **neohispanicum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 46, Lám. X, figs. 1–3, 7
Formation: Jurassic, Kimeridgian
Location: Cerro del Volcàn, Durango

— **pedroanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 9, Lám .I, figs. 13–17
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango

— **pedroanum** Burckhardt (Roig)
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 28, Lám. XV, fig. 5
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón, Viñales, Cuba

Odontofusus n. gen. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 65, no pl.

— n. gen. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 65, no pl.

— (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 442, no pl.

— **medians** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 67, pl. V, figs. 18–21
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **medians** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 67, pl. V, figs. 18–21
Formation: Cretaceous, Lower Green Marls
Location: Walnford, New Jersey; Upper Freehold, New Jersey

— **medians** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907. p. 761, pl. XC, figs. 1–6
Formation: Cretaceous, Marshalltown clay-marl, Navesink marl
Location: New Jersey; Mississippi

— **medians** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 443, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey

— **mucronata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 764, pl. XCV, figs. 5–11
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **rostellaroides** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 68, pl. VI, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **rostellaroides** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 68, pl. VI, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
— **slacki** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 66, pl. VI, figs. 8, 9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **slacki** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 66, pl. VI, figs. 8, 9
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks creek, New Jersey
— **slacki** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 766, pl. XC, fig. 17
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **typicus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 66, pl. VI, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
—**typicus** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 66, pl. VI, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: Near New Egypt and Cream Ridge, New Jersey
— **typicus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 763, pl. XC, figs. 7–16
Formation: Cretaceous, Navesink marl
Location: New Jersey
Odostomia ? cretacea n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 366, pl. XLIII, fig. 9
Formation: Cretaceous
Location: Breman creek, Vancouver Island
— ? **inornata** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 366, pl. XLIII, fig. 8
Formation: Cretaceous
Location: Nanaimo river, Vancouver Island
— **denticulata** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 427, no pl. ,
Formation: Jurassic
Location: Stanislaus river, Bostwicks Bar near Reynolds Ferry, California
Oegoceras — see **Ammonites**
Olcostephanus cepoides (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 276, no pl.

Formation: Cretaceous
Location: East end of Maud Island; south side of Alliford Bay, Maple Island, of the Queen Charlotte Islands

— (**Astieria**) **Deansii** n. sp. Whiteaves
Can. Rec. Sci., vol. 5, 1893, p. 442, pl. VII, figs. 1, 1a
Formation: Cretaceous
Location: Queen Charlotte Islands

— (**Astieria**) **Deansii** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 276, no pl.
Formation: Cretaceous
Location: Skidegate Inlet

— **lindgreni** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 427, no pl.
Formation: Jurassic
Location: Near Colfax, Placer county, California

— **Loganianus** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 276, no pl.
Formation: Lower shales
Location: Alliford Bay

— **malonianus** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 103, pl. XXIV, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas

— (**Simbiskites**) **mutabilis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 77, pl. XV, figs. 1–5
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California

— (**? Simbriskites**) (Pavlow and Lamplugh) n. sp. Madsen
Medelelser om Grönland, 1903, vol. 29, p. 195, pl. X, fig. 2
Formation: Jurassic
Location: Fossil Mountain, Jameson's Land

— aff. **Portlandicus** de Loriol Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 37, Lám. VII, fig. 3
Formation: Jurassic
Location: San Luis Potosi, Mexico

— **potosinus** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 36, Lám. VII, fig. 2; Lám. XII, figs. 1, 2
Formation: Jurassic
Location: Sierra de Catorce, Mexico

— **richardsoni** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 305, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— (**Polyptychites**) **trichotomus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 78, pl. XVI, fig. 1
Formation: Cretaceous, Knoxville beds
Location: Lowerys, Tehama county, California

Olivella (Swainson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 421, no pl.

— **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 421, pl. XIV, fig. 10
Formation: Cretaceous, Monmouth

Location: Maryland
Oliverato — see **Ancilla**
Oncochilus — see **Neretoma**
Onychocella digitata (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 330, pl. XXIII, figs. 7-10
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Opalia — see **Scalaria**
Opellia sp. ind. Burckhardt
Inst. Geol. Méx. Bol. 33, 1919, p. 1, Lám. 1, figs. 6-8, 10
Formation: Jurassic
Location: Canyon del Toboso, Mexico
Operculina complanata Defrance sp. Woodward & Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 45, pl. E, figs. 5, 37, 39
Formation: Cretaceous
Location: Minnesota; Illinois
— **complanata** var. **granulosa** (Leymerie) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 140
Formation: Cretaceous
Location: Mullica Hill, New Egypt, New Jersey
— **complanata** var. **granulosa** (Leymerie) Woodward & Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 46, pl. E, fig. 38
Formation: Cretaceous
Location: Minnesota
Ophiceras dieneri n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 118, pl. VIII, figs. 16-20
Formation: Triassic
Location: Idaho
— **griesbach** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 117, no pl.
Formation: Triassic
Location: California
— **spenceri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 119, pl. LXII, figs. 1-10
Formation: Triassic
Location: Idaho
Ophiocten (?) bellefourchensis n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 391, pl. XLII, fig. 4
Formation: Jurassic
Location: Black Hills
Ophioglypha bridgerensis (Meek) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 43, pl. VIII, figs. 4a-b
Formation: Cretaceous
Location: Near Fort Ellis, Montana
— **bridgerensis** (Meek) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 29, pl. IV, figs. 2a-b
Formation: Cretaceous
Location: Montana
— **texana** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 30, pl. IV, figs. 1a-c
Formation: Cretaceous, Washita

Location: Texas
— **texana** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 43, pl. VIII, figs. 3a-c
Formation: Cretaceous, Washita
Location: On Fossil, creek, six miles north of Fort Worth, Texas
— **utahensis** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 29, pl. III, fig. 5
Formation: Jurassic
Location: San Rafael river, Utah
Opis californica n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 58, pl. VII, figs. 1–4
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California
— **texana** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 196, no pl.
Formation: Cretaceous, Fredericksburg Division
Location: At Twin Mountains in Tom Green county, Texas
— **triangulata** Cooper (Stanton) Cooper
Cal. Acad. Sci. Proc., vol. 6, 1896, p. 332, pl. XLVII, figs. 7, 8, 9
Formation: Cretaceous
Location: California
— **vancouverensis** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 385, no pl.
Formation: Cretaceous
Location: Southwest side of Denman Island; Brennan creek near Wellington, Vancouver Island
Oppelia hölei n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 13, Lám. II, figs. 5–8, 13
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **(Neumayria) crassicostata** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 11, Lám. II, figs. 1–4, 16
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango
— **? fallax** (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 101, pl. XXII, figs. 2, 3
Formation: Jurassic
Location: Malone, Texas
— **(Neumayria) flexuosa costata** (Quenstedt) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 18, Lám. II, figs. 14–17
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **(Neumayria) harpoceroides** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 16, Lám. II, figs. 9–12
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **(Neumayria) neohispanica** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 12, Lám. II, figs. 5–8
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango
— **(Neumayria) aff. nereus** Fontannes sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 14, Lám. III, figs. 1–4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **(Neumayria cfr. nereus** Fontannes sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 76, Lám. XVI, figs. 5–7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **(Neumayria) pichleriformis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 14, Lám. II, figs. 9–12
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango
— **(Neumayria)** sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 19, Lám. III, fig. 8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— ? sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 630, no pl.
Formation: Mesozoic, Jurassic ?
Location: Yellowstone National Park
— **(Neumayria)** sp. indt. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 50, Lám. X, figs. 9–11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **(Neumayria)** aff. **strombecki** Oppel sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 74, Lám. XVIII, figs. 4–7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— **(Neumayria)** cfr. **trachynota** Font. Burckhardt
Inst. Geol. de México, Bol. 23. 1906, p. 72, Lám. XVII, fig. 5
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
Orbicella ? texana n. sp. Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 38, pl. XXVI, fig. 1; pl. XXVII, fig. 6
Formation: Cretaceous
Location: Shoal creek, Texas
Orbulina universa (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 43, pl. D. figs. 23–27
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
— **universal** (d'Orbigny) McClung
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 422, pl. LXXXV, fig. 9
Formation: Upper Cretaceous
Location: Kansas
Ornatoporta n. gen. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 748
— **marylandica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 748, pl. XLVII, figs. 16–19
Formation: Cretaceous, Monmouth
Location: Maryland
Ornopsis n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 463
— **glenni** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 463, pl. XXIV, fig. 1
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, Mc Nairy Co., Tenn.

— **elevata** n. sp. Wade
  Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 464 ,pl. XXIV, figs. 2, 3
  Formation: Upper Cretaceous, Ripley
  Location: Coon Creek, Mc Nairy Co., Tenn.
Orthoceras (Breyn) Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 209, no pl.
— **blakei** (Gabb) Smith
  U. S. Geol. Sur. Prof. Paper 83, 1914, p. 140, pl. XIV, fig. 11; pl. XVI, figs. 1a-c
  Formation: Triassic
  Location: West Humboldt range, Nevada
— **campanite** (Mojsisovics) Smith
  U. S. Geol. Sur. Prof. Paper 83, 1914, p. 141, pl. XCIV, figs. 17–19
  Formation: Triassic
  Location: West Humboldt range, Nevada
— **shastense** n. sp. Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 210, pl. XLVIII, figs. 4, 5
  Formation: Triassic
  Location: Shasta county, California
Orthopsis occidentalis n. sp. Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 160, pl. XXV, figs. 1–3; pl. XXVII, fig. 2
  Formation: Cretaceous
  Location: Sierra Blanca mountains in Hudspeth county, Texas
— **occidentalis** (Cragin) Clark and Twitchell
  U. S. Geol. Sur. Mon. 54, 1915, p. 54, pl. XVII, figs. 1a-g
  Formation: Cretaceous, Washita
  Location: Sierra Blanca mountains near El Paso, Texas
— **planulata** (Clark) n. sp. Clark and Twitchell
  U. S. Geol. Sur. Mon. 54, 1915, p. 54, pl. XVI, figs. 2a-c
  Formation: Cretaceous, Washita
  Location: Near Denison, Texas
Ostrea (Lamarck) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 551, no pl.
— **(Alectryonia) Aguilerae** n. sp. Böse
  Inst. Geol. de México, Bol. 24, 1906, p. 47, Lám. VI, figs. 1, 2; Lám. IV, fig. 5
  Formation: Cretaceous, Senonian
  Location: San Luis Potosi, Mexico
— **alifera** n. sp. Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 197, pl. XXIX, figs. 1–3, 5–7
  Formation: Cretaceous, Eagle Ford division
  Location: One mile west of Sherman, Texas
— **alifera** n. var. **pediformis** Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 197, pl. XXIX, fig. 4
  Formation: Cretaceous
  Location: South of Sherman on Post Oak Creek, Texas
— **alternans** n. sp. Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 198, no pl.
  Formation: Cretaceous, Alternating beds
  Location: Sandy creek, Travis county, Texas

— **anceps** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 446, pl. CXVII
Formation: Cretaceous, Lincoln marble
Location: Kansas
— **anomioides** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 55, pl. 1, figs. 5, 6
Formation: Cretaceous
Location: On Missouri river below Gallatin City, Montana
— **anamioides** (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 633, no pl.
Formation: Cretaceous
Location: Yellowstone Natinal Park
— **anomioides** var. **nanus** n. var. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 185, pl. 1, figs. 10a-d
Formation: Cretaceous, Fort Pierre Age
Location: Near Madrid, New Mexico
— **anomioides** var. **nanus** Johnson
Coloumbia Univ. Cont. Geol. Dept., vol. X, No. 90, 1903, p. 113, pl. V, figs. 10, a, b, c, d
Formation: Cretaceous, Fort Pierre Age
Location: Near Madrid, New Mexico
— **anomioides** var. **nanus** Johnson
Amer. Jour. Sci., 4 th ser., vol. 25, 1908, p. 61
Formation: Cretaceous
Location: Fort Benton, New Mexico
— **(alectryonia) Arizpensis** n. sp. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 48, Lám. VII, figs. 7–17
Formation: Cretaceous, Senonian
Location: Coahuilla
— **attenuata** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 93, pl. XXII, figs. 2–4
Formation: Cretaceous, Niobrara and Rudistes beds
Location: Kansas
— **bella** (Con.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p .198, no pl.
Formation: Cretaceous
Location: Two miles south of Presidio del Norte, Mexico
— **bellaplicata** (Shumard) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 199, no pl.
Formation: Cretaceous, Eagle Ford Division
Location: Texas
— **beloiti** n. sp. Logan
Field Col. Mus. Geol. Ser., vol. 1, No. 6, 1899, p. 214, pl. XXV, figs. 7, 8
Formation: Cretaceous, Benton
Location: Kansas
— **bryani** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 448, pl. XLIV, figs. 1–5
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **camelina** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 199, no pl.

Formation: Cretaceous, Dinosaur sandstone and Alternating beds
Location: Burnet, Travis, Hood and Erath counties, Texas

— **canonensis** n. sp. Logan
Kans. Univ. Quart., vol. 8, 1899, p. 90, pl. XXI, figs. 3, 4
Formation: Cretaceous
Location: Kansas

— **carica** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 200, pl. XLV, fig. 11
Formation: Cretaceous, Cross Timber Sandstone
Location: On Timber creek in Denton county southwest of Lewisville, Texas

— **(Alectryonia) carinata** Lam. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 104, Lám. XVI, figs. 13, 14
Formation: Lower Cenomanian
Location: Cerro de Muleros

— **(Alectryonia) carinata** (?) (Lamarck) Adkins & Winton
Univ. of Texas Bull. 1945, 1919, p. 59, pl. XVI, figs. 2–5
Formation: Cretaceous, Fort Worth to Buda
Location: North Texas

— **comoensis** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 129, pl. XXVIII, fig. 9
Formation: Jurassic
Location: Wyoming — Freeze-out Hills

— **congesta** (Con.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 55, pl. II, figs. 2, 3, 4
Formation: Cretaceous, Niobrara group
Location: Between the Big Sioux and the Great Bend along Missouri river; also on Cheyenne river and on North Platte river; New Mexico; Colorado

— **congesta** (Conrad) Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–96, pl. LXI
Formation: Cretaceous, Timpas
Location: East Colorado

— **congesta** Conrad Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 444, pl. XCIX, figs. 10, 11, 13
Formation: Cretaceous, Ostrea beds of Fort Benton group
Location: Smoky Hill, Saline and Solomon Rivers, Kansas

— **congesta** (Con.) Logan
Kan. Univ. Quart., vol. 8, 1899, p. 90, pl. XX, figs. 1, 2, 6
Formation: Cretaceous
Location: Kansas

— **congesta** (Conrad ?) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 435, pl. XLIII, fig. 16
Formation: Cretaceous, Cliffwood clay
Location: New Jersey; Kansas; Nebraska; South Dakota; Colorado; New Mexico

— **congesta** (Conrad) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 186. (See Bull. U. S. Geol. Sur., No. 106, p. 55)
Formation: Cretaceous, Fort Pierre age and Achavica Arroyo
Location: Grand Central mountain, New Mexico

— **congesta** (Con.) Johnson

Columbia Univ. Cont. Geology Dept. Vol. X, No. 90, 1903, p. 114
Formation: Cretaceous, Ft. Pierre
Location: Santa Rosa Mt., New Mexico

— **crenula** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 93, pl. XXI, figs. 7–9
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas

— **crenulimarginata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 441, pl. XLII, figs. 12, 13
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **crenulimargo** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 201, pl. XLV, fig. 6
Formation: Cretaceous, Denison beds
Location: Forestburgh, Montague county, Texas

— **crenulimargo** n. var. **stonewallensis** Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 202, pl. XLV, figs. 1–5
Formation: Cretaceous, Alternating beds or Paluxy ?
Location: Double mountain, Stonewall county, Texas

— **cretacea** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 434, pl. XLII, fig. 11
Formation: Cretaceous, Cliffwood clay
Location: New Jersey

— **densa** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 129, pl. XXVIII, fig. 7
Formation: Jurassic
Location: Freeze-out Hills; Wyoming

— **denticulifera** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 436, pl. XLIII, figs. 1, 2
Formation: Cretaceous, Woodbury clay
Location: New Jersey

— **diluviana** (Linn) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 203, no pl.
Formation: Cretaceous
Location: Williamson county on San Gabriel river, Texas

— **eduliformis** Schlotheim Madsen
Meddelelser om Grönland, 1903, vol. 29, pl. VII, p. 177, figs. 1–3
Formation: Jurassic
Location: Mt. Nathorst, Greenland

— **ellsworthensis** n. sp. Logan
Kan. Univ. Quarterly, vol. 8, 1899, p. 88, pl. XXI, figs. 1, 2
Formation: Cretaceous
Location: Kansas

— **engelmanni** (Meek) Stanton
U. S. Geol. Sur. Mon., 32, pt. 2, 1899, p. 611, no pl.
Formation: Mesozoic
Location: Yellowstone National Park

— **exogyroides** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 91, pl. XX, fig. 3
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas

— **faba** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 559, pl. XXIV, figs. 5, 6

Formation: Cretaceous, Monmouth
Location: Maryland

— **falcata** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 444, pl. XLIII, figs. 3–6
Formation: Cretaceous, Marshalltown clay, Navesink marl
Location: New Jersey

— **franklini** (Coquand) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 23, no pl.
Formation: Cretaceous, Glen Rose
Location: Texas; Arkansas

— **franklini** (Coq.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 203, no pl.
Formation: Cretaceous, Alternatings beds
Location: Bosque county, Texas

— **franklini** (Coquand ?) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 203, pl. XXIX, fig. 8
Formation: Cretaceous
Location: East of Island Mesa, New Mexico

— **franklini** var. **ragsdalei** n. var. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 23, pl. I, fig. 6
Forrmation: Cretaceous, Glen Rose
Location: At the plant bed near Glen Rose, Texas

— **glabra** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 203, pl. XXXIV, figs. 1, 2
Formation: Cretaceous, Laramie
Location: East of the Caballo mountains in coal beds, New Mexico

— **glabra** (M. & H.) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 105, no pl.
Formation: Cretaceous, Judith River beds, Laramie
Location: Various localities in the United States and Canada

— **glabra** (M. & H.) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 41, Lám. II, fig. 5
Formation: Cretaceous, Senonian
Location: Near Cardenas, Mexico

— **glabra** (Meek and Hayden) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 43, Lám. V, figs. 5–14; Lám. VI, figs. 1–10; *Lám.* VII, figs. 1–5
Formation: Senonian
Location: Coahuila

— **glabra** (Meek and Hayden) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 311, pl. LXXIX, figs. 1–3
Formation: Cretaceous
Location: San Juan Basin, New Mexico

— **gronlandica** n. sp. Lundgren
Meddelelser om Grönland, 1895, vol. 19, p. 195, pl. III, figs. 7, 8, 9
Formation: Jurassic
Location: Kap Stewart, east Greenland

— cfr. **Goldfussi** (Holzapfel) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 40, Lám. I, figs. 10, 11
Formation: Cretaceous, Senonian

Location: Between Escontréa and Càrdenas, Mexico
— **haydeni** n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 32, pl. II, figs. 1, 2
Formation: Cretaceous, Cokeville, Bear river
— **incurva** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 92, pl. XXII, figs. 1, 3, 5, 6
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas
— **incurva** Nilss. var. **acutirostria** Nilss. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 45, Làm. VII, figs. 6–12
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico
— **incurva** (Nilss. emend Henig) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 42, Lám. I, fig. 5
Formation: Cretaceous, Senonian
Location: On the Tampico to San Luis Potosi railroad, Mexico
— **jewellensis** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 95, pl. XXII, fig. 11
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas
— **kansasensis** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 88, pl. XX, figs. 9–11
Formation: Cretaceous
Location: Kansas
— **(Alectryonia) larva** (Lamarck) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 485, no pl.
Formation: Cretaceous, Hesperornis and Rudistes beds, Niobrara
Location: Kansas
— **larva** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 293, pl. XLIX, fig. 3
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville parish, Louisiana
— **larva** (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 552, no pl.
Formation: Cretaceous
Location: Maryland
— **larva** var. **falcata** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 552, pl. XXII, fig. 4
Formation: Cretaceous, Matawan, Monmouth
Location: Delaware; Maryland; New Jersey
— **larva** var. **mesenterica** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 555, pl. XXII, figs. 6–8; pl. XXIII, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
— **larva** var. **nasuta** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 554, pl. XXII, fig. 5
Formation: Cretaceous, Matawan, Monmouth
Location: Delaware; Maryland; New Jersey
— **lata** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 94, pl. XXII, figs. 7–10
Formation: Cretaceous, Niobrara, Rudistes beds

Location: Kansas

— **leeii** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 94, pl. XXI, figs. 10, 11
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas

— **lugubris** (Con.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 204, no pl.
Formation: Cretaceous, Navarro beds
Location: Two miles north of Corsicana, Texas

— **lugubris** (Con.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 58, pl. IV, figs. 1–10
Formation: Cretaceous
Location: New Mexico; Southwest Colorado

— **lugubris** (Con.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 445–446, pl. XCI
Formation: Cretaceous
Location: Lincoln marble, Kansas

— **lugubris** (Con.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 186. (See U. S. Geol. Sur. Bull. No. 106, p. 58)
Formation: Cretaceous, Fort Benton and Galesteo Monocline
Location: New Mexico

— **lugubris** (Con.) Johnson
Columbia Univ. Cont. Geol. Dept. Vol. X, No. 90, 1903, p. 114
Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico

— **lugubris** Con. Shimer and Blodgett
Amer. Jour. Sci., vol. 25, 4th ser., 1908, p. 60
Formation: Cretaceous, Fort Benton
Location: New Mexico

— **(Alectryonia)** (Con.) **lugubris** Böse
Inst. Geol. de México, Bol. 30, 1913, p. 47, Lám. VIII, figs. 4–6
Formation: Turonian
Location: Coahuila

— **lyoni** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 204, no pl.
Formation: Cretaceous, Dakota age ?
Location: Northwestern part of Fannin county, Texas

— **malachitensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 57, pl. II, figs. 5, 6, 7, 8
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano park, Colorado

— (Alectryonia) Marcoui n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 105, Lám. XVI, fig. 15; Lám. XVII, fig. 1
Formation: Lower Cenomanian
Location: Cerro de Muleros, Mexico

— **mesenterica** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 446, pl. XLIII, figs. 9–14
Formation: Cretaceous, Navesink marl, Red Bank sand, Tinton beds
Location: New Jersey

— **monmouthensis** n. sp. Weller

Geol. Sur. N. J., vol. 4, 1907, p. 442, pl. XLIII, fig. 15
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **monmouthensis** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 558, pl. XXIII, figs. 4, 5
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey

— **munsoni** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 105, pl. XII
Formation: Cretaceous, Caprina limestone
Location: Texas

— **nasuta** (Mort.) Weller
Pal. N. J., vol. 4, 1907, p. 447, pl. XLIII, figs. 7, 8
Formation: Cretaceous, Navesink marl, Red Bank sand, Tinton beds
Location: New Jersey

— **(Alectryonia)** cfr. **Nicaisei** Coqu. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 47, Lám. II, figs. 3, 4
Formation: Cretaceous, Lower Senonian
Location: On Tampico to San Luis Potosi Railroad, Mexico

— **panda** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 437, pl. XLII, fig. 10
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey; Delaware; Alabama; Tennessee

— **perversa** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 205, pl. XXVIII, figs. 1–6
Formation: Cretaceous, Arietina marl
Location: On west slope of Shoal Creek, Austin, Texas

— **plumosa** (Mort.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 206, no pl.
Formation: Cretaceous
Location: Williamson county, 2 miles west of Taylor, Texas

— **plumosa** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 293, pl. XLIX, fig .4
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville parish, Louisiana

— **plumosa** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 439, pl. XLII, figs. 16–18
Formation: Cretaceous, Marshalltown clay-marl, Wenonah sand, Red banks
Location: New Jersey; Alabama; Tennesse

— **plumosa** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 556, no pl.
Formation: Cretaceous, Monmouth, Matawan, Black Creek, Peedee, Eutaw, Ripley
Location: Maryland; New Jersey; North and South Carolina; Georgia; Alabama; Mississippi

— **prudentia** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 54, pl. I, figs. 3, 4
Formation: Cretaceous
Location: East of Impracticable ridge, Utah

— **quadriplicata** (Shumard) Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 60, pl. XVI, figs. 6–10
Formation: Cretaceous, Washita
Location: North Texas
— **quadriplicata** (Shum.) (White) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 101, Lám. XVI, figs. 1–12
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **roanokensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 294 ,pl. XLVI, fig. 11
Formation: Cretaceous
Location: On Marshall branch, 2 miles northwest of Roanoke Texas
— **saltillensis** Böse n. sp.
Inst. Geol. de México, Bol. 30, p. 46, Lám. VIII, figs. 1–3
Formation: Upper Senonian
Location: Coahuila
— **sandalina** (cf. **sandelina** Goldf.) Lundgren
Meddelelser om Grönland, 1895, vol. 19, p. 197
Formation: Jurassic
Location: Kap Stewart ost. Greenland
— **(Alectryomia) (semiarmata)** n. sp. Böse
Inst. Geol. de México, Bol. 24, p. 44, Lám. II, fig. 1; Lám. III, figs. 1, 2; Lám. IV, fig. 4; Lám. V, figs. 1–5
Formation: Cretaceous, Lower Senonian
Location: On Tampico-San Luis Potosi Railroad, Mexico
— **soleniscus** (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Colorado and Montana
Location: Yellowstone National Park, Utah; Wyoming
— **soleniscus** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 56, pl. II, fig. 1; pl. III, figs. 1, 2
Formation: Cretaceous
Location: Coalville, Utah; Bear River ctiy, Wyoming; Denton county, Texas
— **soleniscus** (Meek) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 206, pl. XXXV, fig .3
Formation: Cretaceous
Locatin: North Texas
— sp. aff. **O. Johannae Choffat** Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 60, pl. XVI, figs. 11–13
Formation: Cretaceous, Goodland limestone
Locatin: North Texas
— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 34, pl. II, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California
— sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous
Location: Yellowstone Natinal Park, Utah; Wyoming
— sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XXX, fig.

8, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 20, no pl.
Formation: Cretaceous, Buda limestone
Location: Shoal creek, Austin, Texas

— sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 39, no pl.
Formation: Jurassic
Location: Malone, Texas

— sp. Ravn
Meddelelser om Grönland, 1911, vol. 45, p. 467
Formation: Jurassic
Location: "Kloft I," Store Koldewey Island

— sp. Ravn
Copenhagen Univ. Min. & Geol. Mus. Comm. Paleont. No. 10, 1911, p. 467
Formation: Cretaceous
Location: "Kloft I," Store Koldewey, Hochstetter's Foreland

— sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 58, pl. XVI, fig. 1
Formation: Cretaceous, Washita
Locatin: North Texas

— sp. Roig
Secretaria de Agr. Comercio y Trabajo Bul. Especial Habana, Cuba, 1920, p. 47
Formation: Jurassic, Kimeridgian
Location: Viñales

— strigilecula (White) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 610, no pl.
Formation: Mesozoic
Location: Yellowstone National Park

— strigilecula (White) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 120, Variety I, pl. XXVIII, figs. 1, 2, 5; Variety II, pl. XXVIII, figs. 3,4; Variety III, pl. XXVIII, fig. 6
Formation: Jurassic
Location:Freeze-out Hills, Wyoming

— subovata (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 207, no pl.
Formation: Cretaceous, Washita limestone
Location: Oklahoma; Texas; New Mexico; Kansas; Texas

— subspatulata (Forbes) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 208, no pl.
Formation: Cretaceous
Location: At Tascalingo, Brewster county, Texas

— subspatulata (Forbes) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 440, pl. XLII, fig. 15
Formation: Cretaceous, Wenonah sand
Location: New Jersey

— subspatulata (Forbes) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 561, pl. XXIII, fig. 3; pl.

XXIIV, fig. 1
Formation: Cretaceous
Location: Maryland
— **subtrigonalis** (Evans and Shumard) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 104, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **tecticosta** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 443, pl. XLIII, figs. 17–19
Formation: Cretaceous, Wenonah sand
Location: New Jersey
— **tecticosta** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 560, pl. XXIV, figs. 2–4
Formation: Cretaceous, Monmouth
Location: Maryland
— **translucida** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 203, pl. XXXIV, figs. 7, 8, 9, 10
Formation: Cretaceous
Location: Rio Puerco valley, New Mexico
— **uniformis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 59, pl. III, figs. 3, 4
Formation: Cretaceous
Location: Pagosa springs, Colorado
— **wellerii** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 89, pl. XX, figs. 6, 7
Formation: Cretaceous
Location: Kansas
— **willistonii** sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 89, pl. XXI, figs. 5, 6
Formation: Cretaceous
Location: Kansas
Owenites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 82, no pl.
Formation: Triassic
— **koeneni** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 83, pl. X, figs. 1–22
Formation: Triassic
Location: Inyo county, California
Oxytoma — see **Avicula**
— **inaequivalvis** (Sowerby) var. **macroptera** (Roemer) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 454, pl. XXXII, fig. 1
Formation: Jurassic
Location: Northeast Greenland, Traekpasset on Store Koldewey Island
— **inaequivalvis** (Sowerby) (var. **Macroptera** Romer) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 454, pl. XXXII, fig. 1
Formation: Jurassic
Location: "Traekpasset," Store Koldewey Island
— **inaequivalvis** (Sowerby) (var. **Münsteri** Bronn) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 454
Formation: Jurassic

Location: Greenland; North side of Vesterdalen at Danmarks Havn, South side of Vesterdalen
— **inaequivalvis** (Sowerby) (var. Münsteri Bronn) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 454
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland
Pachydiscus (Zittel) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 378, no pl.
Formation: Cretaceous
— **binodatus** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 347, pl. XLIX, figs. 1, 1a
Formation: Cretaceous
Location: Comox River near Comox, Vancouver Island
— **brazoensis** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 236, pl. XLIV, fig. 3
Formation: Cretaceous, Duck creek Limestone
Location: On Duck and Little Mineral creeks, Grayson county, Texas
— **complexus** (H. & M.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 237, no pl.
Formation: Cretaceous
Location: On Seco Creek in Medina county, Texas
— **complexus** (Hall and Meek) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 819 pl. CI, figs. 3, 4
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Texas; Dakota; Nebraska
— **complexus** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 378, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey; Western Inerior
— **haradai** (Jimbo) Whiteaves
Can. Roy. Soc. Proc. and Trans, 2d ser., vol. 1, sec. 4, 1896, p. 132, pl. III, fig. 6
Formation: Cretaceous
Location: Nanaimo River, Vancouver
— **haradai** (Jimbo) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 345, no pl.
Formation: Cretaceous
Location: Ten miles from mouth of Nanaimo river, Vancouver Island
— **haradai** (var. **perplicatus**) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903 p. 346, pl. XLVIII, fig, 1
Formation: Cretaceous
Location: Comox River near Comox, Vancouver Island
— **henleyensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 104, pl. VIII, figs. 165-166
Formation: Cretaceous, Chico beds
Location: Henley, Siskiyou county, California
— **lævicaniculatus** n. sp. (F. Roemer Ms.) Lasswitz

Geol. und Pale. Abh., N. F. 6, Heft. 4, 1904, Pag. 16, Taf. III (XV) fig. 2, Text fig. 3
Formation: Cretaceous
Location: Texas

— **lewesiensis** (Mantell) Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft. 4, 1904, pag. 17, (no pl.)
Formation: Cretaceous
Location: Texas

— sp. indt. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 19, Lám. I, fig. 1
Formation: Lower Turonian
Location: Zacatecas

— **merriami** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 103, pl. VI, figs. 135-138
Formation: Cretaceous, Horsetown beds
Location: Helen creek, Shasta county, California

—**multisulcatus** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 349, pl. L
Formation: Cretaceous
Location: North West Bay, Vancouver Island

— **Neevesii** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 342, pl. XLVII, fig. 1
Formation: Cretaceous
Location: James Island, north of Victoria, Vancouver Island; Hornby Island; Sucia Islands

—**Newberryanus** (Meek not Gabb) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 102, no pl.
Formation: Cretaceous, Chico beds
Location: Butte Co., California

— **Newberryanus** (Meek sp.) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 248, no pl.
Formation: Cretaceous
Location: Nanaimo, Vancouver Island; Comax, Vancouver Island

— **otacodenis** (Stoliczka) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 340, pl. XLVI, fig. 1
Formation: Cretaceous
Location: Nanaimo, Vancouver Island; Hornby Island; Comax River, Comax, Vancouver Island

— **sacramenticus** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 105, pl. VI figs. 133-134; pl. X, fig. 195
Formation: Cretaceous, Horsetown
Location: Hulen Creek, Shasta County, California

— sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 116
Formation: Cretaceous
Location: Naniamo River, Vancouver

— **suciensis** (Meek) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 344, no pl.

Formation: Cretaceous
Location: Northwest Bay, Vancouver Island; Sucia Islands

Pachymelania n. gen. White
U. S. Geol. Sur. Bull. 128, 1895, p. 50

— **chrysalis** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 51, pl. VII, figs. 6, 7
Formation: Cretaceous, Bear River formation
Location: Evanston, Wyoming

— **chrysalloidea** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 52, pl. VII, figs. 4, 5
Formation: Cretaceous, Bear River formation
Location: Evanston, Wyoming

— **cleburni** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 51, pl. VII, figs. 1–3
Formation: Cretaceous, Bear River formation
Location: Near Evanston, Wyoming

— ? **macilenta** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 54, pl. VII, fig. 9
Formation: Cretaceous, Bear River formation
Location: Wyoming

— **turricula** n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 53, pl. VII, figs 14, 15
Formation: Cretaceous, Bear River
Location: Evanston and Sage Station, Wyoming

Pachymya austinensis (Shumard) Shattuck
U. S. Geol. Sur. Bull. 205, p. 26, 1903, no. pl.
Formation: Cretaceous,
Location: Shoal Creek, Austin, Texas

— **austinensis** var. **budænsis** n. var. Whitney
Univ. of Texas Bull. 184, 1911, p. 16, pls. V; VI
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas

— **austinensis** var. **budaensis** n. var. Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 16, pls. V; VI
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas

— sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 75, pl. XVII, fig.10
Formation: Cretaceous, Mainstreet, Weno
Location: North Texas

Paladmete n. gen. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 412, no pl.
Formation: Cretaceous

— **cancellaria** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 413, pl. XVIII, figs. 14, 15
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; Mississippi

Palæastacus (?) **ornatus** (Whiteaves) Woodward
Geol. Mag. n. s. dec. 4, vol. 7, 1900, p. 399
Formation: Upper Cretaceous
Location: Sounding Creek, Vancouver

Palæocorystes (Bell) Woodward
Geol. Soc. London Quart. Journ. vol. 52, 1896, p. 225

— **Harveyi** n. sp. Woodward
Geol. Soc. London Quart. Journ., vol. 52, 1896, p. 225, fig. 4
Formation: Cretaceous
Location: Comax River, Vancouver Island

— **Harveyi** (Woodward) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol 1, pt. 5, 1903, p. 317, no pl.
Formation: Cretaceous
Location: Comax River, Vancouver Island

Palæoneilo (Hall) Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 10

Palæoneilo Aguileræ n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 24 Lám. IV, figs. 2a–f; Lám. VI, fig. 5; Lám. VII, fig. 10
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **bosei** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 23, Lám. IV, figs. 3a–e; Lám. VII, fig. 8
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **broilii** n. sp. Burckhardt
Inst. Geol. de Mexico, Bol. 21, 1905, p. 16, Lám. II figs. 3a–m; Lám. VI, fig. 2; Lám. VII, fig. 3
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **burckhardti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 18, Lám. III, figs. 2a–d; Lám. VI, fig. 6; Lám. VII, fig. 4
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **circularis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 27, Lám. IV, figs. 6a ,b; Lám. VII, fig. 5
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **cordiformis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 28, Lám. V, figs. 1a, 1b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **cordobæ** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 21, Lám. II, figs. 6a–b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **costata** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 32, Lám. V, figs. 7a–d; Lám, VII, fig. 15
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **frechi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 19, Lám. II, figs. 4a-b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **humboldti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 26, Lám. IV, figs. 5a-d; Làm. VII, fig. 9
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **inflata** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 25, Lám. IV, figs. 1a–f, Lám. VI, fig. 4; Lám. VII, fig. 11
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **ledæformis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 31, Lám. V, figs. 6a–e: Lám. VII, fig. 14
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **longa** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 14, Lám. II, figs. 1a–b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

—? cf.**lunaris** (J. Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 32, Taf. III, fig. 5
Formation: Triassic
Location: Hutinsel im Bayjord

— **mexicana** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 20, Lám. III, figs. 1a–d; Lám. VII, figs. 16, 17
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **ordonezi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 33, Lám. V, figs. 5a–d; Lám. VII, fig. 13
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **quadrata** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 30, Lám. V, figs. 4a–b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **rectangularis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 30, Lám. V, figs. 3a-d; Lám. VI, fig. 3; Lám. VII, fig. 12
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **triangularis** n. sp. Burckhardt
Inst. Geol. de México,Bol. 21, 1905, p. 22, Lám. III, figs. 3a-h; Lám. VII, figs. 6, 7
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **villadæ** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 19, Lám. II, figs. 5a-b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **waitzi** n. sp. Burckhardt

Inst. Geol. de México, Bol. 21, 1905, p. 29, Lám. V., figs. 2a-d
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

— **zacatecana** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 15, Lám. II, figs. 2a-f; Lám. VII, figs. 1-2
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas

Palæopharus Scheii n. g—n. sp. Kittl
Second Norwegian Artic Exped. in the Fram Rept. No. 7, 1907, p. 34, Taf. III, fig. 1-4
Formation: Triassic, Bärenspitze nachst der Bärenbucht
Location: Heurekasunde: Depot auf der Grossen Insel im Heurekasunde Hutinsel in Bayfjord

Panopæa (Panope) (Menard) Gardner
Maryland Geol. Sur., U. Cret. 1916, p. 719

— (Panope) **bonaspes** n. sp. Gardner
Maryland Geol. Sur., U. Cret. 1916, p. 723, pl. XLV, fig. 2
Formation: Cretaceous, Magothy
Location: Maryland (District of Columbia)

— **concentrica** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol, 1, pt. 5, 1903, p. 375, no pl.
Formation: Cretaceous
Location: Texada Island

— [Panopea] **decisa** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 646, pl. LXXIII, figs. 3-5
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah sand, Navesink marl, Red Bank sand
Location: New Jersey; Alabama; Mississippi; Texas

— [Panope] **-decisa** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., p. 721, no pl.
Formation: Cretaceous, Matawan, Peedee, Eutaw, Ripley
Location: Delaware; New Jersey; North and South Carolina; Mississippi

— [Panopea] **elliptica** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 647, pl. LXXXIII, figs. 1-2
Formation: Cretaceous, Manasquan marl
Location: New Jersey

— **[Panope] monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 722, pl. XLV, figs. 4, 5
Formation: Cretaceous, Monmouth
Location: Maryland

— **simulatrix** (Whiteaves) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 112, 1905, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **simulatrix** (Whiteaves) ? Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 316, no pl.
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico

— (Panope) **simulatrix** Whiteaves ? Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 32, pl. VI, fig. 3
Formation: Cretaceous, Cannonball

Location: Mandan, N. Dakota; Lemmon, S. Dakota
— **[Panopea] ? sp.** Hyatt
Geol. Soc. Amer. Bull. vol. 5, 1894, p. 416, no pl.
Formation: Triassic and Jurassic
Location: Sailor's Canyon, California
— **sp.** Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 209
Formation: Jurassic
Location:Kap Stewart, East Greenland
— **Toulai** n. sp. Lundgren
Meddelelser om Grönland, No. 19, 1895, p. 207, pl. V, fig. 30a-b
Formation: Jurassic
Location:Kap Stewart, East Greenland
Paraceratites-See Ceratites
Paracyathus vaughani n. sp. weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 270, pl. V, figs. 11-13
Formation: Cretaceous, Navesink marl
Location: New Jersey
Parafusus n. gen. wade
Phila. Acad. Nat. Sci. Proc., 1918, vol. 70, p. 114
(See **Hyallus**)
Paraganides n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
Formation: Triassic
— **californicus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 78, pl. LXXX, figs. 12-21
Formation: Triassic
Location: Shasta County, California
— **californicus** (Hyatt and Smith) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VI, figs. 22-26
Formation: Upper Triassic
Location: California
Parahoplites cfr. **aschiltænsis** (Anthula) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 192, Lám. XLII, fig. 8
Formation: Cretaceous
Location: Mazapil, Mexico
— cfr. **milletianus** (Pictet sp.) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 194, Lám. XLIII, figs. 4–5, 8-11
Formation: Cretaceous
Location: Mazapil, Mexico
— **sp. indt.** Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 195, Lám. XLIII, fig. 6
Formation: Cretaceous
Location: Mazapil, Mexico
— **sp. indt.** Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 192, Lám. XLII, figs. 9, 10; Lám. XLIII, figs. 1, 3, 7
Formation: Cretaceous
Location: Mazapil, Mexico
— cfr. **treffryanus** (Anthula) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 193, Lám. XLIII, fig. 2
Formation: Cretaceous

Location: Mazapil, Mexico
Paralecanites (Diener) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 136, no pl.
Formation: Triassic
— **arnoldi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 136, pl. LXIV, figs. 1-16; pl LXXVII, figs 9-12
Formation: Triassic
Location: Idaho
Paralenticeras Hyatt
U. S. Geol. Sur. Mon. 44, p. 85, 1903, no pl.
Paramorea n. gen. Wade
Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 295
— **lirata** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 296, pl. XVII, figs. 9, 10
Fomation: Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn
Paranannites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 80, no pl.
Formation: Lower Triassic
— **aspenensis** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 81, pl. VIII, figs. 1-15; pl. LXXXIII, figs 1-30
Formation: Triassic
Location: Idaho
— **aspenensis** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. XI, figs 15-20
Formation: Triassic
Location: Idaho
— **oviformis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 46, pl. XXXIV, figs. 16-17
Formation: Triassic
Location: Inyo County, California
Paranautilus multicameratus (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl.XVI, figs. 4, 5; pl. XCV, figs. 3, 4
Formation: Triassic
Location: West Humboldt range, Nevada
Paranomia (Conard) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 604, no pl.
Formation: Cretaceous
Location: Maryland
— **lineata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 606, pl. XXXV, figs. 11, 12
Formation: Cretaceous, Matawan, Monmouth, Ripley
Location: Delaware; New Jersey; Tennessee
— **scabra** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 500, pl. LII, figs. 10-13
Formation: Cretaceous, Merchantville clay-marl; Marshalltown clay-marl; Navesink clay-marl
Location: New Jersey; Alabama; Mississippi; Tennessee
— **scabra** (Morton) (Conrad) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 605, no pl.
Formation: Cretaceous, Matawan, Peedee, Eutaw, Ripley, Selma
Location: Delaware; New Jersey; North and South Carolina; Mississippi; Alabama; Georgia

Parapholas sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 459, no pl.
Formation: Cretaceous. Benton
Location: Kansas

— **sphenoideus** (White) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 125, pl. XXVII, figs. 1-2
Formation: Cretaceous
Location: Near base of Coalville section, Upper Kanab valley, Utah

— **sphenoideus** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 495, pl. XCIX, fig. 12
Formation: Cretaceous, Uppermost Fort Hays limestone; Lowermost Ornithostoma beds
Location: Near Hays City, Kansas

Parapopanoceras-see Popanoceras

Parapopanoceras (Haug) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40. 1905, p. 71, no pl.
Formation: Triassic
Location: North Asia; California

Parasmilia austinensis (Roemer) Adkins and Winton
Univ. of Texas. Bull. 1945, 1919, p. 79, pl. 19, figs. 27-30
Formation: Cretaceous, Goodland
Location: North Texas

— **texana** n. sp. Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 37, pl. XXVII, figs. 1-3
Formation: Cretaceous
Location: Shoal Creek, Austin

Paratropites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 53, no pl.
Formation: Triassic
Location: California

— (Mojsisovics) Smith
Cal. Acad. Sci. Proc. 3d ser., vol. 1, 1904, p. 395
Formation: Triassic, Karnic
Location: California

— **(Gymnotropites) americanus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 56, pl. XXXII, figs. 1-10
Formation: Triassic
Location: Shasta County, California

— **dittmari** (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 396 pl. XLVI, fig. 1; pl. XLVII, fig. 1
Formation: Triassic, Karnic
Location: California

— **sellai** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 54, pl. XXX, figs. 6-10; pl. XXXI, figs. 1–26
Formation: Triassic
Location: Shasta County, California

— **sellai** (Mojsisovics) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. V, figs. 14-19
Formation: Upper Triassic
Location: Shasta County, California

Patella tentorium (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 663, pl. LXXV, figs. 5-6
Formation: Cretaceous, Navesink marl
Location: New Jersey

— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 30, pl. XIX, fig. 1
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas

Patellina texana (Roemer) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 20, pl. I, fig. 2 (copied after Roem.), 2a-d
Formation: Cretaceous, Glen Rose beds
Location: Texas

Pecten (Müller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 587, no pl.
Formation: Cretaceous

— **argillensis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 472, pl. XLIX, figs. 1-4
Formation: Cretaceous, Merchantville marl; Woodbury clay; Wenonah sand; Navesink marl
Location: Mississippi; Texas; New Jersey

— **argillensis** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 588, pl. XXXIV, figs 3-5
Formation: Cretaceous, Monmouth, Matawan, Black Creek, Eutaw, Ripley
Location: Maryland; New Jersey; North and South Carolina; Mississippi; Georgia; Alabama

— **bellula** (Cragin) Adkins and Winton
Univ. of Texas. Bull 1945, 1919, p. 69, pl. XI, figs. 3-7
Formation: Cretaceous, Duck Creek, Fort Worth
Location: North Texas

— **bensoni** n. sp. Kniker
Univ. of Texas. Bull. No. 1817, p. 16, 1918, pl, I,figs. 7-13
Formation: Cretaceous, Austin chalk
Location: Austin

— **bonnellensis** n. sp. Kniker
Univ. of Texas Bull. No. 1817, 1918, p. 13, pl. I, figs. 1-2
Formation: Cretaceous, Georgetown
Location: Mount Bonnell, Austin

— **burlingtonensis** (Gabb) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 470, pl. XLIX. figs. 5-9
Formation: Cretaceous, Merchantville marl; Woodbury clay; Wenonah sand
Location: New Jersey

— **californicus** (Gabb) ? Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 36, pl. II, fig. 10
Formation: Cretaceous, Knoxville beds
Location: Cottonwood creek, California

— **callosus** n. sp. Lundgren

Meddeleser om Grönland, vol. 19, 1895, p. 200, pl. III, fig. 15
Formation: Jurassic
Location: Kap Stewart, East Greenland

— (**Camptonectes**) **Broenlundi** n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 465, pl. XXXIV, figs. 5 and 6
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Hochstetter's Foreland, Vesterdalen at Danmarks Havn.

— (**Camptonectes**) **Broenlundi** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 465, pl. XXXIV, fig. 5, 6
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Hochstetter's Foreland

— **Chihuahuensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 93, Lám. XV, fig. 1
Formation: Lower Cenomanian
Location: Cerro de Muleros

— (**Entolium**) **cingulatus** (Phillips) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 464, pl. XXXIII, fig. 7
Formation: Jurassic
Location: Store Koldewey Island

— (**Entolium**) **cingulatus** (Phillips) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 464, pl. XXXIII, fig. 7
Formation: Jurassic
Location: "Store Koldewey Island"

— **clarkensis** n. s. Hall and Ambrose
Nautilus, Vol. 3, 1916, No. 6, p. 68
Formation: Cretaceous, Horsetown
Location: New Milpitos, California

— **cleburnensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 71, pl. XII, fig. 1
Formation: Cretaceous, Mainstreet limestone
Location: Texas

— **cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 469, pl. L, figs. 7-8
Formation: Cretaceous, Cliffwood clay
Location: New Jersey

— **cliffwoodensis** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 592, no pl.
Formation: Cretaceous, Matawan, Magothy
Location: Maryland, New Jersey

— **complexicosta** (Gabb) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 37, pl. II, figs. 7-9
Formation: Cretaceous
Location: Wilbur Springs, Sulphur Creek, Colusa County, Calif.

— **conradi** (Whitfield) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., p. 593, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; New Jersey

— **conradi** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 474, pl. L, figs. 1-4
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Marshalltown marl, Wenonah marl, Navesink marl
Location: New Jersey; Mississippi; Texas

— **craticulus** (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 478, pl. L. figs. 15-16
Formation: Cretaceous, Navesink marl?
Location: New Jersey

— **(Entolium) demissus** (Bean) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 463, pl. XXXIII, fig. 3
Formation: Jurassic
Location: Boulder east side of Harefjæld at Danmarks Havn

— **(Entolium) demissus** (Bean) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont, No. 10, 1911, p. 463, pl. XXXIII, fig. 3
Formation: Jurassic
Location: Harefjaeld at Danmarks Havn

— **duplicicosta** (?) (Roemer) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 16, pl. V, fig. 5
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin,Texas; Onion creek, Buda, Tex.

— **(Entolium) erraticus** (Fiebelkorn ?) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 464
Formation: Jurassic
Location: Danmarks Havn, Harefjaeld

— **(Entolium) erraticus** (Fiebelkorn ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont No. 10, 1911, p. 464
Formation: Jurassic
Location: Vesterdalen Danmarks Havn

— **georgetownensis** (Kniker) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 125, no pl.
Formation: Cretaceous, Weno
Location: Texas

— **georgetownensis** (Kniker) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 70, pl. XII, figs. 5-6
Formation: Cretaceous, Weno
Location: Texas

— **(Camptonectes) harfordus** n. sp. Davis
Journ. Geol. Vol. 21, 1913, p. 456, figs. 3, 5, 6
Formation: Jurassic
Location: Port Harford San Luis, Obispo Co. California

— **inconspicuus** (Cragin) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 123, pl. XI, fig. 4
Formation: Cretaceous, Weno, Pawpaw
Location: Denison, Texas

— **inconspicuus** n. sp. Cragin
Col. Coll. Studies, 5th Ann. Rept. 1894, p. 52, no pl.
Formation: Cretaceous, Pawpaw clays
Location: Denison. Texas

— **(Camptonectes) insutus** n. sp. Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 44, pl. IV, figs. 11-12
Formation: Jurassic
Location: Malone, Texas
— **irregularis** (Boese) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 67, pl. XI, figs. 11-15
Formation: Cretaceous, Glen Rose to Kiamitia
Location: Texas
— **Johnstrupi** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 199, pl. III, fig. 13
Formation: Jurassic
Location: Kap Stewart, East Greenland
— sp. cf. **Johnstrupi** (Lundgren) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 175
Formation: Jurassic
Location: Vardeklöft, Greenland
— **manchacensis** n. sp. Kniker
Univ. of Texas Bull. No. 1817, p. 14, pl. I, figs. 3-4
Formation: Cretaceous, Buda
Location: Manchaca and Austin
— **meekanus** (Whiteves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 300, no pl.
Formation: Cretaceous
Location: East end of Maud Island; South side of Alliford Bay
— **(Entolium)** cf. **Obergi** (Lundgren) Kittl
Second NorwegianArtic Exped. in the Fram, Rept. No. 7, 1907, p. 26, Taf. II, fig. 8
Formation: Triassic
Location: Bärenspitze (loser Block) in der Börenbucht im Heurekasund; Hutinsel im Bayfjord
— **(Entolium) Obergi** (Lundgren) Kittl
Second Norwegian Artic Exped. in the Fram. Rept. No. 7, 1907, p. 27
Formation: Triassic
Location: Heurekasund
— **(Chlamys) Oscari** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 27, Taf. II, figs. 9 and 10
Formation: Triassic
Location: Depot auf der Grossen Insel im Heuerkasend Hutinsel in Bayfjord
— **parvus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 477, pl. L, figs. 5-6
Formation: Cretaceous, Navesink marl
Location: New Jersey; Mississipi
— **quinquecostatus** (Sowerby) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 16, pl. V, figs. 2-4
Formation: Cretaveous, Buda Limestone
Location: Shoal Creek, Austin, Texas
— **quinquecostatus** (Sowerby) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 596, pl. XXXIV, fig. 10
Formation: Cretaceous, Magothy, Matawan, Monmouth, Eutaw, Ripley, Selma, Cenomanian, Tenonian

Location: Maryland; Delaware; New Jersey: Georgia; Mississippi; Alabama; Mexico
— **quinquenaria** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 476 ,pl. L, figs. 10-13
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey; Mississippi
— **Rinki** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 200, pl. III, fig. 14
Formation: Jurassic
Location: Kap Stewart, East Greenland
— **roemeri** (Hill) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 15, pl. II-IV, V, fig. 1
Formation: Cretaceous, Buda Limestone
Location: Shoal Creek, Austin, Texas
— **siederensis** n. sp. Kniker
Univ. of Texas Bul. 1817, 1918, p. 15, pl. I, figs. 5, 6
Formation: Cretaceous, Buda
Location: Sieder springs, Austin
— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 37, pl. II, fig. 6
Formation: Cretaceous, Knoxville beds
Location: California
— sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 175, pl. VI, fig. 10
Formation: Jurassic
Location: Aucella River, Jameson's Land
— **(Camptonectes)** sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 466
Formation: Jurassic
Location: Harefjaeld at Danmarks Havn
— **(Camptonectes)** sp Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 466
Formation: Jurassic
Location: Harefjaeld at Danmarks Havn
— **(Camptonectes)** sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 466
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
— **(Camptonectes)** sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont, No. 10, 1911, p. 466
Formation: Jurassic
Location: "Kloft II" Store Koldewey Island
— ? sp. Kittl
Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907, p. 29, Taf. II, fig. 3
Formation: Triassic
Location: Hutinsel im Bayfjord
— sp. cf. **Rinki** (Lundgren) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 175
Formation: Jurassic

Location: Vardeklöft Greenland
— sp. (aff Stewartianus Lundgren) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 175
Formation: Jurassic
Location: Vardeklöft, Greenland
— sp. Whiteaves
Can. Roy. Soc. Proc. Trans., 2d ser. vol. 1, sec. 4, 1896, p. 105
Formation: Cretaceous
Location: Long River, Souris Hills, Manitoba
— **simplicius** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 480, pl. LI, fig. 6
Formation: Cretaceous, Red Bank sand, Tinton beds
Location: New Jersey; Alabama: Mississippi; Texas; Arkansas
— **simplicius** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 595, pl. XXXIV, figs. 8–9
Formation: Cretaceous, Matawan, Monmouth, Black creek. Peedee, Eutaw, Ripley
Location: Maryland; New Jersey; North and South Carolina; Georgia; Alabama; Mississippi
— **stantoni** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 24, pl. II figs. 3-3a
Formation: Cretaceous, Glen Rose
Location: On Paluxy Creek near Glen Rose, Texas
— **Stewartianus** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 198, pl. III, fig. 12
Formation: Jurassic
Location: Kap Stewart, East Greenland
— **subalpina** (Boese) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 68, pl. XI, figs. 1, 2; pl. XII, fig. 16
Formation: Cretaceous, Frederickburg and Washita
Location: Texas
— **texanus** (Roemer) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 17, pl. V, figs. 6-8
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas
— **texanus** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 71, pl. XII, fig. 2
Formation: Cretaceous, Washita and Fredericksburg
Location: Texas
— **tenuitestus** (Gabb) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 467, pl. L, fig. 9
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **traskii** (Gabb) Whiteaves
Can Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 339, no pl.
Formation: Cretaceous
Location: Texada Island of the Queen Charlotte Islands
— **venustus** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 478, pl. LI, figs. 1-5
Formation: Cretaceous, Marshalltown clay marl, Navesink marl. Red Bank sand, Tinton beds
Location: New Jersey

— **venustus** (Morton) Gardner
  Maryland Geol Sur., U. Cret., 1916, p. 591, pl. XXXIV, figs. 6-7
  Formation: Cretaceous, Matawan, Monmouth, Ripley, Selma
  Location: Delaware; New Jersey; Mississippi; Alabama
— **whitfieldi** n. sp. Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 468, pl. L, fig. 14
  Formation: Cretaceous, Navesink marl
  Location: New Jersey
— **whitfieldi** (Weller) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 589, no pl.
  Formation: Cretaceous, Monmouth
  Location: Maryland; New Jersey
— **wrighti** (Shumard) Whitney
  Univ. of Texas Bull. 184, 1911, p. 13, pl. I, fig. 4
  Formation: Cretaceous, Buda
  Location: Shoal Creek, Austin, Texas
— **wrighti** (Shumard) Whitney
  Texas Acad. Sci. Trans., vol. 12, 1913, p. 13, pl. I, fig. 4
  Formation: Cretaceous, Buda limestone
  Location: Shoal Creek, Austin, Texas
— **wrighti** (Shumard) Adkins and Winton
  Univ. of Texas Bull. 1945, 1919, p. 69, pl. XI, figs. 8, 19
  Formation: Cretaceous, Duck Creek, Fort Worth
  Location: North Texas
Pectunculus ? ovatus n. sp. Stanton
  U. S. Geol. Sur. Bull. 133, 1895, p. 51, pl. VI, figs. 9, 10
  Formation: Cretaceous, Knoxville beds
  Location: Tehama County, California
— **pacificus** n. sp. Anderson
  Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 74, pl. VII, fig. 159
  Formation: Cretaceous, Chico beds
  Location: Santiago Canyon, Orange County, California; Southern Oregon
— **veatchi** (Gabb) Stanton
  U. S. Geol. Sur., 17th Ann. Rep., pt. 1, 1896, p. 1039, pl. LXIV, fig. 1
  Formation: Cretaceous, Chico
  Location: Sacramento valley, California
— **veatchii** (Gabb) sp. Whiteaves
  Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 391, pl. XLVII, figs. 3, 4
  Formation: Cretaceous
  Location: Vancouver Island; Hornby Islands; Sucia Islands
Pedalion lloydi Stanton n. sp. Stanton and Vaughan
  U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 24, pl. IV, figs. 1a, 1b and 2
  Formation: Cretaceous, Cannonball
  Location: Janesburg, North Dakota
Pedinopsis pondi (Clark) Clark
  U. S. Geol. Sur. Bull. 97, 1893, p. 57, pl. XXI, figs. 1a–b; XXII, figs. 1a–e

Formation: Cretaceous: Austin Chalk
Location: Texas
— **pondi** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 65, pl. XXIV, figs. 1a–d
Formation: Cretaceous, Austin Chalk
Location: Travis County, Texas
— **symmetrica** (Cragin) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 64, pl. XXIII, figs. 1a–h
Formation: Cretaceous, Washita
Location: El Paso County, Texas
Peltoceras occidentale n. sp. Whiteaves
Ottawa Nat. Vol. 21, No. 5, 1907, p. 81, figs. a, b, c
Formation: Jurassic
Location: Red Deer River (Rock Mountain Park) Alberta
Pentaceros americanus n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 99, pl. VII, figs. 1-3
Formation: Cretaceous, Pawpaw
Location: Near Ft. Worth, Texas
— **asperulus** n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 278, pl. VI, figs. 18-19
Formation: Cretaceous, Vincentown limesand
Location: Vincentown. New Jersey
— **asperulus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 42, pl. VIII, figs. 2a-b
Formation: Cretaceous, Rancocas
Location: Vincentown. New Jersey
Pentacrinus astericus (M. and H.) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 26, pl. III, figs. 2a–d
Formation: Jurassic
Location: Idaho; Colorado; Nebraska; South Dakota
— **astericus** (Meek and Hayden) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 608, no pl.
Formation: Jurassic
Location: Yellowstone National Park
— **astericus** (Meek and Hayden) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 119, pl. XXV, figs. 4-7
Formation: Jurassic
Location: Freeze-out Hills, Wyoming
— **astericus** (M. & H.) Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 389, pl. XLII, figs. 1-3
Formation: Jurassic
Location: Black Hills
— cf. **asteriscus** (Meek and Hayden) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 148, pl. XCIV, fig. 2
Formation: Triassic
Location: East range, Nevada; Shasta County, California
— **astericus** (M. & H.) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 26, pl. III,fig. 2
Formation: Jurassic, Sundance
Location: Wyoming; South Dakota; Idaho; Colorado
— **bryani** (Gabb) Clark

U. S. Geol. Sur. Bull. 97, 1893, p. 28, pl. III, figs. 3a-b
Formation: Cretaceous
Location: New Jersey

— **bryani** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 276, pl. VI, figs. 8-9
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **bryani** (Gabb) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 35, pl. VI, figs. 2a-b
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey

— **shastense** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 28, pl. III, fig. 4
Formation: Jurassic
Location: Shasta County, California

— sp. cf. **Andreæ** (de Loriol) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 172, pl. VI, figs. 1-6
Formation: Jurassic
Location: Mount Nathorst, Greenland

— **tehamaensis** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 35, pl. VI, fig. 1
Formation: Cretaceous, Chico, Knoxville
Location: Tehama County and Texas Springs, California

— **whitei** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 27, pl. III, figs. 4a-c
Formation: Jurassic
Location: Utah

— **whitei** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 27, pl. III. figs. 3a-c
Formation: Jurassic
Location: Salt Creek and Diamond valley, Utah

Pentagonaster browni n. sp. Weller
Journ. Geol. Vol. 13, 1905, p. 257-258, fig. 1
Formation: Cretaceous, Fox Hills sandstone
Location: Near Lander, Wyoming

— **browni** (Weller) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 41, pl. VII, fig. 7
Formation: Cretaceous, Montana group
Location:Near Lander, Wyoming

— ? sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 453
Formation: Jurassic
Location: "4 Saenkning" Store Koldewey Island, Greenland

— ? sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 453
Formation: Jurassic
Location: "4 Saenking" Store Koldewey Island

— **texensis** (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 95, pl. VII, fig. 7
Formation: Cretaceous, Weno
Location: Near Fort Worth, Texas

— **texensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 47, pl. X, figs. 5-6
Formation: Cretaceous, Weno
Location: Fort Worth, Texas
Periplomya (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 633, no pl.
Formation: Cretaceous
Location: Maryland
— **elliptica** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 522, pl. XVII, figs. 8-11
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **elliptica** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 633, no pl.
Formation: Cretaceous, Monmouth, Manasquan
Location: Maryland, New Jersey
Perisphinctes (Waagen) O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 646
— **sp.** Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 35, Lám. XIX
Formation: Jurassic
Location: Sierra de Catorce, San Luis,Potosi, Mexico
— **aguilerai** n. sp. Cragin
U, S. Geol. Sur., Bull. 266, 1905, p. 105, pl. XXIII, fig. 1
Formation: Jurassic
Location: Malone, Texas
— **aguilerai** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 110, Lám. XXVII, figs. 6-9
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— **alamitosensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 30, Lám. XXI, figs. 4, 6
Formation: Jurassic
Location: Sierra de Catorce, S. L. P., Mexico
— **Alexeii** n. sp. Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 20, Lám. IX, fig. 1-4
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— cfr. **alterniplicatus** (Waagen) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 34, Lám. VII, figs. 1–3
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcan, Durango
— aff. **alterniplicatus** (Waagen) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 17, Lám. III, figs. 1, 4, 5
Formation: Jurassic, Oxfordian
Location: Puerta del Ancon
— cf. **alterniplicatus** (Waagen) O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 680
Formation: Jurassic, Upper Oxfordian
Location: Viñales Pinar del Rio
— cfr. **balderus** (Oppel.) Aguilera

Com. Geol. de México, Bol. 1, 1895, p. 24, Lám. XI, fig. 1
Formation: Jurassic
Location: Pueblo, Mexico

— cfr. **balderus** (Oppel) Johnson
Amer. Geol. vol. 30, 1902, p. 371
Formation: Jurassic
Location: Napimi, Mexico

— **(Aulacosphinctes) Bangei** n. sp. Burckhardt
Inst. Geol. México. Bol. 33, 1919, p. 30, Lám. IX, figs. 5-9
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— aff. **biplex** (Sowerby) Roig
Secretaria de Agr. Comercio de Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 22, Lám. V, figs. 3, 4, 6
Formation: Jurassic, Oxfordian
Location: Laguna de Piedra Vinales, Cuba

— **(Aulacosphinctus) Boesei,** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 27, Lám. V, figs. 1, 3, 5
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— **burkarti** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 133, Lám. XXXVII, figs. 2, 5-8, 10
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **Carlottensis** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 305
In List of Cretaceous Fossils. Formerly described by Whiteaves as Ammonites Carlottensis.
Formation: Cretaceous
Location: Queen Charlotte Islands

— cfr. **chloroolithicus** (Nikitin) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 27, Lám. IV, figs. 7-9; Lám. V, figs. 7, 10
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcan, Durango

— **clarki** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 103, pl. XXIX, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas

— **colfaxi** (Gabb) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 424, no pl.
Formation: Upper Cretaceous
Location: Colfax, California

— **colubrinus** (Reinecke) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 34, no pl.
Formation: Jurassic
Location: Municipalidad de Catorce, San Luis Pososi, Mexico

— cf. **colubrinus** (Reinecke) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 22, Lám. VII, fig. 8
Formation: Jurassic
Location: Mineral de Catorce, San Luis Potosi, Mexico

— (**Aulacosphintes**) aff. **colubrinus** (Toucas non auct.) Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 24, Lám. VI, figs. 2, 4, 6
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— cfr. **colubrinus** (Reinecke) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana Cuba, 1920, p. 19, Lám. IV, fig. 1
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón, Viñales, Cuba
— (**Aulacosphinctes**) **corona** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 25, Lám. V, figs. 4, 6-9
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— **cubænsis** n. sp. O'Connell
Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 648, pl. XXXIV, figs. 1, 2
Formation: Jurassic, Oxfordian
Location: Viñales Pinar del Rio, Cuba
— **cubænsis** (A) n. mutation O'Connell
Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 660, pl. XXXIV, figs. 3, 4
Formation: Jurassic, Oxfordian
Location: Viñales Pinar del Rio, Cuba
— **cubænsis** (B) n. mutation O'Connell
Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 662, pl. XXXV, figs. 1, 2
Formation: Jurassic, Oxfordian
Location: Viñales Pinar del Rio, Cuba
— aff. **cyclodorsatus** (Moesch) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 22, Lám. IV, figs. 3, 4, 8-12
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
— cfr. **danubiensis** (Schlosser) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 112, Lám. XXXII, fig. 1
Formation: Portlandian
Location: Mazapil, Mexico
— **delatorii** n. sp. O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 663, pl. XXXV, fig. 3, 4a, 4b, 4c
Formation: Jurassic, Oxfordian
Location: Viñales Pinar del Rio, Cuba
— **delatorii** (O'Connell) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana, Cuba, 1920, p. 23, Lám. VII, fig. 2
Formation: Jurassic
Location: Puerta del Ancón Viñales, Cuba
—**delgadoi** (Choffat) Rolg
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba, 1920, p. 20, Lám. IV, figs. 2, 2a
Formation: Jurassic, Oxfordian
Location: Enchillas de José Rivera Viñales, Cuba
— **diversicostatus** n. sp. Burckhardt
Inst. Geol. de México., Bol. 33, 1919, p. 34, Lám. XII, figs. 1, 2, 4, 5

Formation: Jurassic
Location: Cañon del Toboso, Mexico
— **dolfusi** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 33, Lám. XXII, fig. 4
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico
— **durangensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 16, Lám. III, figs. 1, 2; Lám. IV, fig. 6
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
— **durangensis** (Burckhardt) Roig
Revista de Agr. Comercio y Trabajo año 2, No. 12, Habana Cuba, 1919, p. 588, fig. 2
Formation: Jurassic
Location: Viñales, Cuba
— **durangensis** (Burckhardt) Riog
Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana, Cuba, 1920, p. 11, Lám. I, figs. 2, 2a
Formation: Jurassic, Oxfordian
Location: Puenta del Ancón Viñales, Cuba
— cfr. **elisabethæ** (de Riaz) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba, 1920, p. 21, Lám. V, fig. 15
Formation: Jurassic, Oxfordian
Location: Viñales, Cuba
— **elisabethæformis** n. sp. Burckhardt
Inst. Geol. de México., Bol. 29, 1912, p. 31, Lám. VI, figs. 1–5
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
— aff. **elisabethæformis** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 16, Lám. III, figs. 3, 3a
Formation: Jurassic, Oxfordian
Location: Viñales Puerta del Ancón Laguna de Piedra
— **(Aulacosphinctes)** aff. **endichotomus** (Zittle sp.) Burckhardt
Inst. Geol. de México., Bol. 33, 1919, p. 53, Lám. XVII, figs. 7-9
Formation: Jurassic
Location: Torres, Mexico
— **filiplex** ? (Quenstedt) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 402, no pl.
Formation: Upper Jurassic
Location: Calaveras County, California
— **filiplex** ? (Quenstedt) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 423, no pl.
Formation: Upper Jurassic
Location: Tuolumne River, Moffat's bridge, California
— **felixi** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 25, Lám. XVI, fig. 1
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico
— **felixi** (Castillo and Aguilera) Cragin

U. S. Geol. Sur., Bull. 266, 1905, p. 106, pl. XXIII, fig. 2
Formation: Jurassic
Location: Malone, Texas

— **flexicostatus** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 29, Lám. XIII, fig. 1
Formation: Jurassic
Location: Mexico

— cfr. **Koeneni** (Stener sp.) Burckhardt
Inst. Geol. de México., Bol. 23, 1906, p. 137, Lám. XXXIX, fig. 1
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— (Aulacosphinctes) cfr. **Kokeni** (Behrendsen) Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 36, Lám. XII, figs. 3, 6–8
Formation: Jurassic
Location: Canon del Toboso, Mexico

— **lagunitasensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 18, Lám. II, figs. 13-15, 17
Formation: Jurassic, Upper Oxfordian
Location: Rancho de las Lagunitas, Durango

—**lagunitasensis** (Burckhardt) Roig
Revista de Agr. Comercio y Trabajo año 2. No. 12, Habana Cuba, 1919, p. 591, fig. 5
Formation: Jurassic
Location: Viñales, Cuba

— **lagunitænsis** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana Cuba, 1920, p. 12, Lám. I, figs. 1, 1a
Formation: Jurassic, Oxfordian
Location: Viñales, Cuba

— **lauri** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 26, Lám. XVI figs. 2, 3
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico

— **Leuki** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 27, Lám. VII, fig. 7
Formation: Jurassic
Location: Catorce, San Luis Potosí, Mexico

— cfr. **lucingensis** (Choffat) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 28, Lám. V, fig. 5, 8, 9
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango

— **Mc. Lachlani** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 24, Lám. IV, figs. 5-7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **mazapilensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 23, Lám. X
Formation: Jurassic
Location: Sierra de Catorce, Sierra de los Tajos, Zuloaga, Zacatecas, Mexico

— **mazapilensis** (Castillo and Aguilera) Johnson
Amer. Geol., Vol. 30, 1902, p. 371
Formation: Jurassic

Location: Napimi, Mexico
— **monserrati** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 34, Lám. XVII, fig. 2; Lám. XXII, fig. 3
Formation: Jurassic
Location: Mexico
— **mühlbachi** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 426, no pl.
Formation: Jurassic
Location: Greenwood, El Dorado county, California
— **(Aulacosphinctes) neohispanicus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 28, Lám. X, figs. 1-7
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— **nikitini** (Michalski) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 114, Lám. XXI, figs. 1-4
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— aff. **orbignyi** (de Loriol) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 22, Lám. IV, fig. 2-4
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
— sp. cf. **Panderi** (d'Orbigny) Madsen
Meddelelser om Grönland, vol. 29, 1903, 195, pl. X, fig. 3
Formation: Jurassic
Location: Aucella River, Jameson's Land
— cfr. **permulticostatus** (Steuer) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 138, Lám. XXXIX, fig. 2
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— **(Aulacosphinctes) Pervinquieri** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 23, Lám. IV, figs. 14, 18-21
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— cfr. **plicatilis** (De Riaz) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 24, Lám. IV, figs. 1, 5, 10
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
— aff. **plicatilis** (d'Orbigny) Roig
Secretaria de Agr. Comercio y Trabajo, Bol, Especial, Habana, Cuba, 1920, p. 13
Formation: Jurassic, Oxfordian
Location: Viñales Puerta del Ancón, Cuba
— aff. **plilcatilis** (de Riaz) Roig
Secretaria de Agr. Comercio y Trabajo, Bol, Especial, Habana, Cuba, 1920, p. 13, Lám. II, figs. 5, 6
Formation: Jurassic, Oxfordian
Location: Viñales Puerta del Ancón, Cuba
— **plicatiloides** n. sp. O'Connell
Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 670, pl. XXXVI, fig. 1, 2
Formation: Jurassic, Oxfordian

Location: Viñales Pinar del Rio, Cuba
— **potosinus** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 29, Lám. XXI, fig. 2; Lám. XXII, fig. 5
Formation: Jurassic
Location: Catorce, Mexico
— **potosinus** (Castille and Aguilera) Johnson
Amer. Geol., Vol. 30, 1902, p. 370
Formation: Jurassic
Location: Napimi, Mexico
— **potosinus** (Castillo and Aguilera) Cragin
U. S. Geol. Bull. 266, 1905, p. 105, pl. XXVIII, figs. 1-2
Formation: Jurassic
Locattion: Malone, Texas
— **Pouzinensis** (Toucas) Aguilera
Com. Geol. de México, Bol. 1, 1895, Lám. XXI, fig. 2; Lám. XXII, fig. 5
Formation: Jurassic
Location: Mexico
— af. **Pouzinensis** (Toucas) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 28, Lám. XVI, fig. 4
Formation: Jurassic
Location: Catorce, San Luis Potosi, Mexico
— **(Aulacosphinctes)** aff. **præ-transitorius** (Font.) Burckhardt
Inst. Geol. de México, Bol. 33,.1919, p. 11, Lám. III, figs. 13–15
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— cfr. **promiscuus** (Bukowski) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 20, Lám. III, figs. 4-6
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
— cfr. **rota** (Sinzow) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 21, Lám. III, fig. 3
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
— **santarosanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 129, Lám. XXXV, figs. 1-4
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— **schucherti** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 107, pl. XXV, fig, 1; pl. XXVI, figs. 1-3: XXVII, fig. 1
Formation: Jurassic
Location: Malone, Texas
— **skidegatensis** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 278, no pl.
Formation: Cretaceous
Location: Skidegate Inlet, Queen Charlotte Islands
— sp. ? Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 35, Lám. XIX
Formation: Jurassic

Location: Mexico, San Luis Potosí
— sp. (aff. durangensis Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 22, Lam. VII, fig. 1
Formation: Jurassic
Location: Cuba
— sp. Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 23, Lám. VII, fig. 4
Formation: Jurassic
Location: Puerta del Ancón Viñales, Cuba
— sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 18
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 22. Lám. XIII, figs. 7–9
Formation: Jurassic
Location: Cañon del Toboso, Mexico
— (**Aulacosphinctes**) sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 32, Lám. XI, figs. 1—3
Formation: Jurassic
Location: Cañon del Toboso
— sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 50, Lám. XVIII, figs. 1–4
Formation: Jurassic
Location: Torres, Mexico
— sp. (Especies jovenes indt.) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 22
Formation: Jurassic
Location: Puerta del Ancón, Laguna de Piedra, Cuba
— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 139, Lám. XXXIX, figs. 3–4
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 130, Lám. XXVII, figs. 9, 11, 12
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— sp. intermediate between **P. contiguus** Catullo and **P. transitorius** (Oppel) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 113, Lám. XXX, fig. 8
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 423, no pl.
Formation: Upper Jurassic
Location: South bank of Tuolumne river at Moffat's bridge, California

— sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 423, no pl.
Formation: Upper Jurassic
Location: Stanislaus river Bostwicks Bar near Reynolds Ferry, California

— sp. Stanton
U. S. Geol. Sur. Bull. 133, p. 82, 1895, no pl.
Formation: Cretaceous
Location: Tehama County, California

— sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 631, no pl.
Formation: Jurassic
Location: Yellowstone National Park

— **(Aulacosphinctes) subbleicheri** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 37, Lám. XIII, figs. 1–5
Formation: Jurassic, Lower Portlandian
Location: Cañon del Toboso, Mexico

— **(Aulacosphinctes) symonensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 33, Lám. XI, figs. 4–11
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— **Theodosii** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 18, Lám. VIII, figs. 1–6
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— **(Aulacosphinctes)** Titan n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 26, Lám. VI, figs. 1, 3; Lám. IX, fig. 10
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— **tobosoensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 16, Lám. VII, figs. 1–6
Formation: Jurassic
Location: Cañon del Toboso, Mexico

— **(Aulacosphinctes) torresianus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 52, Lám. XVII, figs. 4–6
Formation: Jurassic
Location: Torres, Mexico

— **transitorius** ? (Oppel.) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 30, Lám. XXI, fig. 5
Formation: Jurassic
Location: Mexico

— **trichoplocoides** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 29, Lám. V, figs. 11–14
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango

— **trichoplocoides** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 14, Lám. III, fig. 2
Formation: Jurassic, Oxfordian
Location: Viñales Puerta del Ancón, Laguna de Piedra, Cuba

— **victores** n. sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 131, Lám. XXVI, figs. 1–15; Lám. XXVII, fig. 1
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **virgulatiformis** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 422, no pl.
Formation: Upper Jurassic
Location: Stanislaus River, Bostwicks bar near Reynold's Ferry, California

— **virgulatiformis** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 1, 1894, p. 402, no pl.
Formation: Upper Jurassic
Location: Calaveras County, California

— **virgulatus** (Quenstedt) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 35, Lám. VII, figs. 4–14
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango

— **wartæformis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 25, Lám. V, figs. 1–4, 6
Formation: Jurassic, Upper Oxfordian
Location: San Pedro del Gallo, Durango

— **wartaeformis** (Burckhardt) Roig
Revista de Agr. Comercio y Trabajo, año 2, No. 12, Habana Cuba, 1919, p. 591, fig.4
Formation: Jurassic
Location: Viñales, Cuba

— cfr. **wartaeformis** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 18, Lám. III, fig. 6, 6a; Lám. IV, fig. 1
Formation: Jurassic, Oxfordian
Location: Laguna de Piedra Viñales, Cuba

— **(Aulacosphinctes) Wilfridi,** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 51, Lám. XVII, figs. 1–3
Formation: Jurassic
Location: Torres, Mexico

Perissolax, brevirostris (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept. 1896, pt. 1, p. 1047, pl. LXVII, fig. 4
Formation: Cretaceous, Chico
Location: California

— **brevirostris** (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 356, pl. XLIII, fig. 3
Formation: Cretaceous
Location; Hornby Island; Sucia Islands; Protection Islands quarry; Breman Creek, Vancouver Island

— **brevirostris** (Gabb) Arnold
U. S. Geol. Sur. Bull. 396, 1909, p. 11, pt. 1, fig. 2
Formation: Cretaceous, Chico
Location: California

— **dubia** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 47, pl. III, figs. 9–11

Formation: Cretaceous, Lower Green Marls
Location: Holmdel and Mullica Hill, New Jersey
— **dubia** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 730, pl. LXXXV, figs. 1–5
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **trivolva** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 172, pl. XXI, figs. 1–3
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **trivolva** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 173, pl. XXI, figs. 1–3
Formation: Cretaceous, Middle Green Marls
Location: Timber Creek, New Jersey
— **trivolva** (Gabb) Weller
Geol. Sur. of N. J. Pal. vol. 4, 1907, p. 731, pl. LXXXV,, fig. 6
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Perissonata (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 522, no pl.
— **littlii** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 523, pl. XX, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland
— **protexta** (Conrad) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 379, pl. XXX, figs. 1–2
Formation: Cretaceous, Merchantville marl-clay
Location: Jamesburg, etc., Woodbury clay near Haddonville, Wenonah sand near Marlboro, Red bank sand near Red Bank, Shrewsbury river, near Middletown, Tinton beds near Bears Hill cut, New Jersey
— **protexta** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 522, no pl.
Formation: Cretaceous, Monmouth, Matawan, Eutaw, Ripley, Selma
Location: Maryland; New Jersey; Georgia; Mississippi
Perissoptera—see **Aporrhais**
Perna groenlandica n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 462, pl. XXXIII, figs. 4 and 5
Formation: Jurassic
Location: Store Koldewey Island
— **groenlandica** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paléont, No. 10, 1911, p. 462, pl. XXXIII, figs. 4 and 5
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
— sp. Lundgren
Meddleleser om Grönland, vol. 19, 1895, p. 202
Formation: Jurassic
Location: Kap Stewart, East Greenland
Peronæoderma georgiana (Gabb) Weller

Geol. Sur. N. J. Pal. vol. 4, 1907, p. 617, pl. LXIX, figs. 4–6
Formation: Cretaceous, Woodbury clay, Wenonah sand, Red Bank sand
Location: New Jersey; Texas; Georgia

Peroniceras cfr. **bajuvaricum** Redtenbacher sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 116, Lám. XXX, fig. 9
Formation: Cretaceous
Location: Huastlanapa, Mexico

— cfr. **bajuvaricum** Grossouvre sp., non Redtenbacher Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 115, Lám. XXX, figs. 5–8
Formation: Cretaceous
Location: Huastlanapa, México

— cfr. **Czörnigi** Redtenbacher sp. Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 111, Lám. XXIX, fig. 2
Formation: Cretaceous
Location: Huastlanapa, Mexico

— cfr. **Czörnigi** Fallot sp. non Redtenbacher, Burckardt
Inst. Geol. de México, Bol. 33, 1919, p. 111, Lám. XXVIII, fig. 7; Lám. XXIX, fig. 1
Formation: Cretaceous
Location: Aguacate, Mexico

— cfr. **Margæ** Schlüter sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 116, Lám. XXX, figs. 10–12
Formation: Cretaceous
Location: Huastlanapa, Mexico; Chinantla, Mexico

— cfr. **subtricarinatum** (D'Orbigny et Drescher sp. Drescher) Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 112, Lám. XXIX figs. 3–6
Formation: Cretaceous
Location: Huastlanapa, Mexico; Chinantla, Mexico

— cfr. **subtricarinatum** Fric sp. Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 114, Lám. XXX, figs. 1–4
Formation: Cretaceous
Location: Chinantla, Mexico; Huastlanapa, Mexico

— cfr. **subtricarinatum** (Sturm, non d'Orbigny et auct.) Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 109, Lám. XXVI, figs. 1–12 Lám. XXVII, figs. 1–6; Lám. XXVIII, figs. 1–6, 8
Formation: Cretaceous
Location: Chinantla, Aguacate, Huastlanapa, Mexico

— cfr. **tricarinatum (subtricarinatum)** (Schlüter sp., non auct.) Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 113, Lám. XXIX, figs. 7–10
Formation: Cretaceous
Location: Aguacate, Mexico; Chinantla, Mexico

Petalodontia—see **Monopleura**

Petersia medicinensis n. sp. Cragin
Amer. Geol. 14, 1894, p. 11, no pl.
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

Petricola nova-ægyptica (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 614, pl. LXVIII, fig. 13
Formation: Cretaceous, Manasquan marl

Location: New Jersey
Phacoides (Blainville) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 659, no pl.
— **noxontownensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 660, pl. XXXIX, figs. 8, 9
Formation: Cretaceous, Rancocas
Location: Delaware
Phænodesmia—see **Leda**
Phaneta ? decorata n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 369, pl. XLV, figs. 6, 6a, 7
Formation: Cretaceous
Location: Nanaimo mines, Nanaimo, Vancouver Island
Pharella ? pealei (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 115, pl. XXV, figs. 12–13
Formation: Cretaceous
Location: Missouri River, below Gallatin, Montana
— **pealei** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, figs. 12, 13 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
Pholadomya (Sowerby) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 629, no pl.
— **anaana** n. sp. Anderson
Proc. Cal. Acad. Sci., 3d ser. Geol. Vol. 2, No 1, 1902, p. 73, pl. VII, fig. 151
Formation: Cretaceous, Chico
Location: Silverado Canyons Santa Ana range, Orange Co., California; San Fernado mountains, Los Angeles Co., California
— **augustata** Sowerby sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 187, pl. VI, fig. 20
Formation: Jurassic
Location: Mt. Nathorst, Greenland
— **coloradoensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 116, pl. XXVI, fig. 2
Formation: Cretaceous, Pugnellus sandstone
Location: Williams Creek, Huerfano County, Colorado
— **coloradoensis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab., Bull. vol. 11, art. 9, 1900, pl. XLI, fig. 2
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **conradi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 632, pl. XXXVIII, fig. 1
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; Alabama; Mississippi
— **grönlandica** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 209, pl. V, fig. 28
Formation: Jurassic
Location: Kap Stewart, East Greenland
— **haresi** Stanton n. sp. Stanton and Vaughan

U. S. Geol. Sur. Prof. Paper 128A 1920, vol. 26, pl. III, figs. 2a, 2b, and 3
Formation: Cretaceous, Cannonball
Location: Haley, North Dakota

— **harrigani** n. sp. Hall and Ambrose
Nautilus vol. 30, 1916, No. 7, p. 77
Formation: Cretaceous, Chico
Location: Altamont, California

— **inequiplicata** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 625, pl. LXXIV, fig. 4
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **kingi** (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 624, pl. LXXIV, figs. 1–3
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **knowltoni** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 30, pl. II, figs. 1, 2
Formation: Cretaceous, Medial portion of Glen Rose, Bull Creek, Edwards (Caprina)
Location: Austin, Texas

— **lerchi** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 30, pl. IV, fig. 3
Formation: Cretaceous
Location: Burnet county, Texas; near crossing of Burnet and Travis Peak roads, Texas

— **marcoui** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 80, pl. XXI, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas

— **mutilineata** (Gabb) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 419, no pl.
Formation: Lower Jurassic
Location: Beaver Creek, Blue mountains, Oregon

— **nevadana** (Gabb) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 418, no pl.
Formation: Lower Jurassic
Location: Beaver Creek, Blue Mountains, Oregon

— **obscura** n. sp. Whitfield and Hovey
Bull, Amer. Mus. Nat. Hist., vol. 22, 1906, p. 398
Formation: Jurassic
Location: Black Hills

— **occidentalis** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 513, pl. LVI, figs. 1–3
Formation: Cretaceous, Cliffwood Clay, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Alabama; Mississippi; Arkansas

— **occidentalis** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 630, pl. XXXVII, figs. 1–3
Formation: Cretaceous, Matawan, Magothy
Location: Delaware; New Jersey

— **paucicosta** (Roemer) Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 81, pl. XVI, figs. 5, 6
Formation: Jurassic
Location: Malone, Texas

— **papyracea** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 116, pl. XXVI, fig. 1
Formation: Cretaceous, Fort Benton group
Location: Near Fort Benton, on upper Missouri, Montana

— **papyracea** (M. & H.) Herrick and Johnson
Dennison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI, fig. 1, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **postextenta** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 209, pl. XLI, fig. 1
Formation: Cretaceous, Denison beds
Location: At Mineral Springs, one-half mile northwest of Denison, Texas

— **præposita** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 82, pl. XVI, figs. 3, 4
Formation: Jurassic
Location: Malone. Texas

— **(Triplicosta) progressiva** n. sp. Cooper
Cal. Acad. Sci. Proc., ser. 2, vol. 6, 1896, p. 334, pl. XLVIII, figs. 11, 12
Formation: Cretaceous (B)
Location: California

— **ragsdalei** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 58, no pl.
Formation: Cretaceous, Choctaw limestone
Location: Near Denison, Texas

— **robusta** n. sp. Logan
Kans. Univ. Quart vol. 9, 1900, p. 126, pl. XXVI, figs. 5, 6
Formation: Jurassic
Location: Freeze-out Hills, Wyoming

— **roemeri** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205 1903, p. 28, pl. XV, figs. 3–6
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas

— **roemeri** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 515, pl. LVI, figs. 4–5
Formation: Cretaceous, Wenonah sand
Location: New Jersey

— **sancti—sabæ** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 73, pl. XIX, figs. 21–23
Formation: Cretaceous, Goodland, Kiamitia
Location: North Texas

— **sancti—sabæ** (Roemer) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 138, Lám. XXX, fig. 1
Formation: Vraconian
Location: Chihuahua

— **Shattucki** n. sp. Bose
Inst. Geol. de México, Bol. 25, 1910, p. 137, Lám. XXIX, figs.

7–9
Formation: Lower Cenomanian
Location: Cerro Muleros

— **subelongata** (Meek) Whiteaves
Geol. Sur. Can., Mesozoic Fossils vol. 1, pt. 5, 1903, p. 375, no pl.
Formation: Cretaceous
Location: Sucia Islands; Nanaimo mines, Nanaimo, Vancouver Island

— **subventricosa** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9,p. 207, pl. XXX, figs. 1, 2
Formation: Cretaceous
Location: Rio Puerco valley, New Mexico

— **tosta** (Cragin) Cragin
U. S. Geol. Sur. Bull, 266, 1905, p. 79, pl. XV, figs. 2, 3
Formation: Jurassic
Location: Malone, Texas

Pholas (Linné) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 724, no pl.
Formation: Cretaceous

— **cithara** (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 651, pl. LXXIV, fig. 7
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah, Tinton beds, Vincentown limesand
Location: New Jersey; Mississippi

— **pectorosa** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 724, pl. XLV, fig. 1
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; New Jersey; Mississippi

Phylloceras (Suess) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1898, p. 145, no pl.
Formation: Triassic and Jurassic
Location: California

— **apenninicum** (Canavari) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 106, Lám. XXVIII, figs. 1–5
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— cfr. **beneckei** (Zittel) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 160, Lám. XXXIX, fig. 1–2
Formation: Jurassic-Cretaceous transition stage
Location: Sierrita, Durango

— aff. **consanguineum** (Gemmellaro) Burkhardt
Inst. Geol. de México, Bol. 23, 1906, p. 71, Lám. XVIII, figs. 8–11
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— **forbesianum** (d'Orbigny) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 328, no pl.
Formation: Cretaceous
Location: Hornby Island

— **indra** var. Whiteaves

Can. Roy. Soc. Proc. Trans, 2d ser Geol., vol. 1, sec. 4, 1896, p. 129
Formation: Cretaceous
Location: Northwest side of Hornby Island

— **knoxvillense** var. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 269, no pl.
Formation: Cretaceous
Location: East end of Maud Island; Cumshewa Inlet

— **knoxvillensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 72, pl. XIV, figs. 1–4
Formation: Cretaceous
Location: Elder Creek, Tehama County, California, 3,000 feet below the top of the Knoxville beds

— **mazapilense** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 125, Lám. XXXIV, figs. 1–7, 19
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico

— **onoense** (Stanton) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol. vol. 1, 1898, p. 147, pls. XIX, XX
Formation: Cretaceous, Horsetown
Location: California

— **Ramosum** (Meek) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 327, no pl.
Formation: Cretaceous
Location: Northwest side of Hornby Island; east side of Dunman Island; Prennan creek, near Wellington, Vancouver Island

— **reticulatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 41, Lám. IX, figs. 6–10, 12–19
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **shastalense** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser Geol., vol. 2, No. 1, 1902, p. 80, pl. IV, figs. 112-115
Formation: Cretaceous, Horsetown
Location: Shasta County, California

— **subplicatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 40, Lám. VIII, figs. 1–6
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **subobtusiforme** n. sp. Pompeckj
Kais. Russ. Mineral Gesell, St. Petersburg, Verth. Ser. 2, Band. 38, 1900, p. 247, Taf. VII, fig. 1
Formation: Jurassic
Location: Kadiak Island, Alaska

— cf. **Velledoe** (Michelin) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 13, Lám. VI, fig. 9
Formation: Jurassic
Location: Mineral de Catorce ,Mexico

Phylloteuthis incertus (nom prov.) Whiteaves
  Can. Geol. Sur., Mesozic Fossils, vol. 1, pt. 4, 1900, p. 268, pl. XXXV, fig. 1
  Formation: Cretaceous
  Location: East end of Maud Island
Phymosoma Mexicanum Böse n. sp.
  Inst. Geol. de México, Bol. 25, 1910, p. 158, Lám. XXXIII; figs. 7–10; Lám. XXXIV, fig. 3; Lám. XXXV, figs. 1–3, 7–8
  Formation: Lower Cenomanian
  Location: Cerro Muleros
Physa copei (White) Stanton and Hatcher
  U. S. Geol. Sur. Bull. 257,1905, p. 118, no pl.
  Formation: Cretaceous, Judith River beds
  Location: Montana
— **reesidei** Stanton n. sp.
  U. S. Geol. Sur. Prof. Paper 98, 1916, p. 319, pl. LXXXIII, figs. 12, 13
  Formation: Upper Cretaceous
  Location: San Juan Basin, New Mexico
— sp. Stanton
  U. S. Geol. Sur., Prof. Paper 98, 1916, p. 319, no pl.
  Formation: Upper Cretaceous
  Location: San Juan Basin, New Mexico
— sp. ? Stanton
  U. S. Geol. Sur. Bull. 106, 1893, p. 163, (no description)
  Formation: Upper Cretaceous
  Location: Coalville, Utah
— **usitata** n. sp. White
  U. S. Geol. Sur. Bull. 128, 1895, p. 47, pl. VI figs. 8, 9
  Formation: Cretaceous, Bear River
  Location: Cokeville, Wyoming
Piestochilus—see **Volutomorpha**
Piestochilus (Meek) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 439, no pl.
  Formation: Cretaceous
— **bella** (Gabb) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 782, pl. XCVI, figs. 1–4; pl. XCII, figs. 4–5
  Formation: Cretaceous, Navesink marl
  Location: New Jersey
— **bella** (Gabb) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 441, no pl.
  Formation: Cretaceous, Monmouth
  Location: Delaware; New Jersey
— **kanei** (Gabb) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 784, pl. XCVI, figs. 5–9
  Formation: Cretaceous, Cliffwood clay, Wenonah sand, Navesink marl
  Location: New Jersey
Pinacoceratidæ Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 95, no pl.
  Formation: Triassic

Pinacoceratoidea Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 94, no pl.
Formation: Triassic
Pinna (Linné) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 544, no pl.
Formation: Cretaceous
Location: Maryland
— **comancheana** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 3, no pl.
Formation: Cretaceous, Neocomian or Fredericksburg Division, Commanche Peak limestone
Location: Kansas; New Mexico; Texas
— **curvimarginata** n. sp. McLearn
Canada Dept. Mines Mus. Bull. 29, 1919, p. 10, pl. IV, fig. 1
Formation: Cretaceous, Peace River
Location: Peace river, Alberta
— **Guadulupæ** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 85, Lám. XIII, figs. 1–9; Lám. XIV, figs. 1–2
Formation: Vraconian and Cenomanian
Location: Cerro de Muleros
— **jurassica** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., 1906, p. 392, pls. XLIV, XLV, fig. 1
Formation: Jurassic
— **kingi** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 618, no pl.
Formation: Mesozoic
Location: Yellowstone National Park
— **kingi** (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 122, pl. XXIX, figs. 3, 6
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— **laqueata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 419, pl. XXVI, fig. 1; pl. XXXVII, fig. 1
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Navesink marl
Location: New Jersey; Mississsippi; Arkansas
— **laqueata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 545, pl. XXI, fig. 12
Formation: Cretaceous, Matawan, Monmouth, Ripley
Location: Delaware; New Jersey; Mississippi
— **petrina** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 88, pl. XIX, fig. 4; pl. XX, fig. 1
Formation: Cretaceous, Pugnellus sandstone
Location: East of Mt. Taylor, New Mexico; Huerfano park, Colo.
— **petrina** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull, vol. 11, art. 9, 1900, p. 207, pl. XXXI, figs. 1–5
Formation: Cretaceous
Location: Rio Puerco valley, and in Bernalillo County, New Mexico
— **quadrifrons** n. sp. Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 49, pl. VII, figs. 1–8
Formation: Jurassic
Location: Malone, Texas
— **rostriformis** (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 420, pl. XXXVII, figs. 2–3
Formation: Cretaceous, Vincentown sands
Location: New Jersey
— sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 122, pl. XXIX, figs. 1, 2
Formation: Jurassic
Location: Freeze-out Hills Wyoming
— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 49, pl. II, fig. 12
Formation: Cretaceous,Knoxville beds
Location: Paskenta, California
— sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 203
Formation: Jurassic
Location: Kap Stewart, East Greenland
— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 462
Formation: Jurassic
Location: Danmarks Havn, Greenland
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 462
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn.
— sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 11, pl. I, fig 3
Formation: Cretaceous, Buda
Location: Shoal Creek and Bouldin Creek, Austin, Texas
— sp. Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 11, pl. I, fig. 3
Formation: Cretaceous, Buda Limestone
Location: Shoal Creek and Bouldin Creek, Austin, Texas
— sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 19, pl. VI; VII
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas
Placenticeras—see **Ammonites**
— (Meek) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 188, no pl.
— (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 385, no pl.
— **californicum** (Anderson MS) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol. vol. 1, 1900, p. 203, pl. XXV, figs. 1–8; pl. XXVIII, fig. 6
Formation: Cretaceous, Chico, Horsetown
Location: California
—**californicum** n. sp. Anderson
Cal. Acad. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 78, pl. VIII,

figs. 173–177
Formation: Cretaceous, Chico, Phoenix, Henley
Location: Arroyo de Vallé and San Fernando mountains, California

— **costata** n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art, 9. 1900, p. 214, pl. XXVIII, figs. 2–3
Formation: Cretaceous
Location: Rio Puerco valley, New Mexico

— **fallax** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 17, Lám. VIII, figs. 1–2
Formation: Jurassic
Location: Sierra de Catorce, Mexico

— ? **fallax** (Castillo and Aguilera) Hyatt
U. S. Geol. Sur. Mon., 44, 1903, p. 234, no pl.
Formation: Cretaceous
Location: Mexico

— **guadalupæ** (Roemer) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 197, pl. XXIX, figs. 1–4
Formation: Cretaceous, San Carlos bed
Location: Presidio county, Texas

— **intercalare** (Meek) Hyatt
U. S. Geol. Sur. Mon., 44, 1903, p. 207, pl. XXXV–XXXVII; XXXVIII, fig. 1
Formation: Cretaceous, Fort Pierre group
Location: Black Hills region

— ? **intermedium** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 206, pl. VIII, figs. 27a, b
Formation: Cretaceous, Fort Pierre age
Location: Madrid, New Mexico

— ? **intermedium** n. sp. Johnson
Columbia Univ. Contr. Dept. Geol., vol. 10, No. 90, 1903, p. 134, pl. VIII, figs. 27a, b
Formation: Cretaceous, Fort Pierre
Location: Madrid, New Mexico

— **newberryi** n. sp. Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 203. pl. XXXI, figs. 2–5
Formation: Cretaceous, Presidio del Norte
Location: Chihuahua, Mexico

— **pacificum** n. sp. Smith
Cal. Acad. Sci. Proc. Geol. vol. 1 (3d ser.) 1900, p. 207, pl. XXIV, figs. 1–21; pl. XXV, figs. 9–11; pl. XXVI; Pl. XXVII, figs. 1–13; pl. XXVII, figs. 1–5
Formation: Cretaceous, Chico
Location: California

— **pacificum** (Smith) Anderson
Cal. Acad. Sci. Proc. 3d ser. Geol., vol. 2, No. 1, 1902, p. 79, pl. VIII, figs. 162–164; 171–172; pl. IX, fig. 180
Formation: Cretaceous, Phoenix, Henley, Chico beds
Location: Arroyo del vallé, California

— **pacificum** (Smith) Smith

Leland Stanford Jr. Univ. Pub., 1914, pl. XIII, figs. 22–28
Formation: Upper Cretaceous
Location: California

— **placenta** (DeKay) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 255, pl. XL, fig. 1; pl. XLI, figs. 1, 2
Formation: Cretaceous, Lower Marl beds
Location: Burlington, Mullica Hill, Neversink, and Freehold, New Jersey; Delaware

— **(placenta)** (DeKay) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 169, pl. XXXIX, figs. 1–3
Formation: Cretaceous
Location: Huerfano park and Rattlesnake butte, Colorado; Coalville, Utah; Upper Kanab valley, Utah

— **placenta** (DeKay) Gilbert
U. S. Geol. Sur. 17th Ann. Rept., pt. 2, 1895–96, pl. LXIII
Formation: Cretaceous, Tepee zone of Pierre shale
Location: East Colorado

— **placenta** (DeKay) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 463, no pl.
Formation: Cretaceous, Blue Hills shales
Location: William's Butte, Michell county

— **placenta** (DeKay) ? Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 640, no pl.
Formation: Cretaceous, Montana and Colorado?
Location: Yellowstone National Park

— **placenta** (DeKay) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 211, pl. XXXIX, figs. 3–6; pl. XL, figs. 1, 2
Formation: Cretaceous
Location: New Jersey; Alabama

— **placenta** sp. ? (DeKay) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 205, pl. VII, figs. 26, a, b
Formation: Cretaceous, Waldo, Fort Pierre age
Location: New Mexico

— **placenta** (DeKay) Johnson
Columbia Univ. Cont. Dept., vol. 10, No. 90, p. 133, pl. VII, figs. 26a, b
Formation: Cretaceous, Fort Pierre
Location: Waldo, Madrid, New Mexico

— **placenta** (DeKay) Lasswitz
Geol. und Pale. Abh. N. F. 6, Heft. 4, 1904, p. 11, (no pl.)
Formation: Cretaceous
Location: Texas

— **placenta** (DeKay) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 830, pl. CIV, fig. 6; pl. CV, fig. 1
Formation: Cretaceous, Cliffwood clay, Merchantville clay, Marshalltown clay marl, Wenonah sand
Location: New Jersey; Alabama

— **placenta** DeKay, Shimer and Blodgett

Amer Jour. Sci., 4th ser., vol. 25, 1908, p. 65
Formation: Cretaceous, Fort Benton
Location: New Mexico
— **placenta** (DeKay) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 385, pl. XII A
Formation: Cretaceous, Matawan, Ripley
Location: Delaware; Maryland
— **planum** n. sp. Hyatt
U. S. Geol. Sur. Mon. vol. 44, 1903, p. 202, pl. XXXIII, figs. 2–4; pl. XXXIV
Formation: Cretaceous, San Carlos beds
Location: San Carlos, Texas; Presidio del Norte, Mexico
— **pseudoplacenta** Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 216, pl. XLIII, figs. 3–11; pl. XLIV
Formation: Cretaceous, Kanab
Location: Utah
— **pseudoplacenta** var. **occidentale** Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 217, pl. XLV, figs. 1, 2
Formation: Cretaceous
Location: Dallas County, Texas
— ? **rotundatum** n. sp. Johnson
School of Mines Quart., vol. 24, no. 2, 1903, p. 207, pl. IX, fig. 28a, b
Formation: Cretaceous, Madrid, Fort Pierre age
Location: New Mexico
— ? **rotundatum** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 135, pl. IX, fig. 28a, b
Formation: Cretaceous, Fort Pierre
Location: New Mexico
— ? **rotundatum** (Johnson) Shimer and Blodgett
Amer. Jour. Sci., 4th Ser., vol. 25, 1908, p. 66
Formation: Cretaceous, Fort Benton
Location: New Mexico
— **sancarlosense** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, p. 200, 1903, pl. XXX, figs. 1–3; pl. XXXI, figs. 1, 2
Formation: Cretaceous, San Carlos
Location: Presidio County, Texas
— **sancarlosense** var. **pseudosyrtale** Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 200, pl. XXXII, XXXIII, fig. 1
Formation: Cretaceous
Location: Forth Worth, Texas
— ? sp. undt. Johnson
School of Mines Quart., vol. 24, 1903, No. 2, p. 206
Formation: Cretaceous
Location: New Mexico
— ? sp. undt. Johnson
Columbis Univ. Contr. Geol. Dept. vol. 10, No. 90, 1903, p. 134.
Formation: Cretaceous

Location: Waldo, New Mexico
— sp. Stanton
U. S. Geol. Sur., Bull. 257, 1905, p. 119, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— spillmani n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 233, pl. XLVII, figs. 6–8
Formation: Cretaceous
Location: Burlington, New Jersey
— **stantoni** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, P. 214, no pl.
Formation: Cretaceous
Location: Utah
— **stantoni** var. **bolli Hyatt**
U. S. Geol. Sur. Mon. 44, 1903, p. 214, pl. XL; figs: 3–7; pl. XLI; pl. XLII; pl. XLIII, figs. 1, 2
Formation: Cretaceous, Eagle Ford shales
Location: Dallas County, Texas
— **syrtalis** Mort. n. var. **cumminsi** Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 237, no pl.
Formation: Cretaceous, Eagle Ford division
Location: On Hackberry creek, Dallas county, Texas
— **syrtale** (Morton) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 205,pl. XXVII, figs. 15–17; pl. XXVIII, figs. 1–6
Formation: Cretaceous
Location: Greene county, Alabama; Fort Worth, Texas
— **syrtale** var. **halei** Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 206, pl. XXVII, figs. 16, 17; pl. XXVIII, figs. 3–6
Formation: Cretaceous, Eutaw beds
Location: Greene County ? Alabama
— ? **telifer** (Morton)
U. S. Geol. Sur . Mon. 44, 1903, p. 233, no pl.
Formation: Cretaceous
Location: New Jersey
— **telifer** (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 832, pl. CIV, figs. 7–8
Formation: Cretaceous
Location: New Jersey
— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 119, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **whitfieldi** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 221, pl. XLV, figs. 3–16; pl. XLVI, pl. XLVII, figs. 1–4
Formation: Cretaceous
Location: Nebraska; South Dakota; California
— **whitfieldi** var. **tuberculatum** Hyatt
U. S. Geol. Sur. Prof. Paper 44, 1903, p. 232, pl. XLVII, fig. 5
Formation: Cretaceous

Location: South Dakota
Placenticeratidæ (Hyatt) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 188, no pl.
Placites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 107, no pl.
— **humboldtensis** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 107, pl. LVI, figs. 10–25
Formation: Triassic
Location: Lovelock, Nevada
Placosmilia (?) sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 80, pl. XIX, figs. 24–26
Formation: Cretaceous, Pawpaw clay
Location: Texas
Placunopsis ? hilliardensis (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 68, pl. VIII, fig. 11
Formation: Cretaceous, Fox Hills group
Location: Near Hilliard station, Union Pacific RR. Wyoming; Colorado
— **minuta** n. sp. Lundgren
Meddelelser om Grónland, vol. 19, 1895, p. 197, pl. III, fig. 11
Formation: Jurassic
Location: Kap Stewart, East Greenland
Plagiolophus vancouverensis n. sp. Woodward
Geol. Soc. London Quart. Jour., vol. 52, 1896, p. 227, figs. 5, 6
Formation: Cretaceous
Location: Hornby Island; Comox River, Vancouver Island; Canada
— **vancouverensis** (Woodward) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 315, no pl.
Formation: Cretaceous
Location: Comax River, Comax, Vancouver Island; Hornby Island; Denman Island
Plagiostoma—see **Lima**
— **erecta** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 495, pl. LIV, fig. 10
Formation: Cretaceous, Marshalltown clay marl, Navesink marl
Location: New Jersey
Planicellaria cylindrica (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 339, pl. XXIV, fig. 8
Formation: Cretaceous, Vincentown limesand
Location: Vincentown. New Jersey
— **oculata** (D'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 338, pl. XXIV, figs. 6, 7
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Planorbis (Bathyomphalus) amplexus (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **(Bathyomphalus) chacoensis** Stanton n. sp.
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 319, pl. LXXXIII, figs. 14–16

Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico

— **paucivolvis** (Whiteaves) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no. pl.
Formation: Cretaceous, Judith River Beds
Location: Montana

— **præcursoris** n. sp. White
U. S. Geol. Sur., Bull. 128, 1895, p. 46, pl. VI, figs. 4–7
Formation: Cretaceous, Bear River
Location: Near Cokeville, Wyoming

Platidia cretacea n. sp. Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 363, pl. XXVII, figs. 18-19
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Plesioptygmatis n. subgen. Böse
Institute Geol. de México, Bol. 24, 1906, p. 65, Lám. XV, figs. 3–13
Formation: Cretaceous
Location: Mexico

Pleurolimnæa tenuicosta (M. and H.) Baker
Chicago Acad. Sci. Spec. Pub., No. 3, 1911, p. 91, pl. XVI, figs 9–11; pl. XVII, fig. 4
Formation: Cretaceous, Laramie
Location: Alberta

— **tenuicosta** (Whiteaves) n. var. Baker
Chicago Acad. Sci. Spec. Pub., No. 3, 1911, p. 93
Formation: Cretaceous, Laramie
Location: Blind Man River, Saskatchewan

Pleuromya concentrica n. sp. Hyatt
Geol. Soc. Amer. Bull. Vol. 5, 1894, p. 419, no pl
Formation: Lower Jurassic
Location: Beaver Creek, Blue mountains, Oregon

— ? **concentrica** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., Vol. 22, 1906, p. 397, pl. XLVIII, figs 8, 9
Formation: Jurassic
Location: Black Hills

— (?) **henselli** n sp. Hill
Wash Biol. Soc. Proc., vol. 8, 1893, p. 31, pl. IV, figs. 1, 2
Formation: Cretaceous, most characteristic cast in Glen Rose in Colorado River sections
Location: Texas

— **humboldtensis** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XVI, fig. 14
Formation: Triassic
Location: West Humboldt range, Nevada

— **incostans** n sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 10, Lám. V, figs. 15, 16; Lám. VI, figs. 1–4
Formation: Jurassic
Location: Mineral de Catorce, Mexico

— **incostans** (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 82, pl. XVII, figs. 1–5; pl.

XVIII, figs. 1–3
Formation: Jurassic
Location: Malone, Texas

— **inconstans** var. **curta** n. var. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 84, pl. XVIII, fig. 4; pl. XIX, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas

— **lævigata** (Whiteaves) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 289, no pl.
Formation: Cretaceous
Location: Alliford Bay; Maud Island

— **papyracea** var. **carlottensis** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 289, no pl.
Formation: Cretaceous
Location: South side of Alliford Bay, Queen Charlotte Islands

— **peregrina** (d'Orbigny) sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 480
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, 4 Saenkning, Store Koldewey Island

— **peregrina** (d'Orbigny sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 480
Formation: Jurassic
Location: "Kloft I", "4Saenkning", Store Koldewey Island

— ? sp. Madsen
Meddelelser om Grönland vol. 29, 1903, p. 187, pl. VI, fig. 17
Formation: Jurassic
Location: Jameson's Land

— **subcompressa** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 626, pl. LXXIV, figs. 8–11
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **subcompressa** (Meek) Logan
Kans Univ. Quart., vol. 9, 1900, p. 120, pl. XXVI, figs. 4, 7, 8
Formation: Jurassic
Location: Freeze-out Hills, Wyoming

— **(?) undulata** n. sp. Davis
Journal Geol., vol. 21, 1913, p. 454, fig. 4
Formation: Jurassic, Slate's Springs (Franciscan)
Location: California

Pleuroachpdiscus Hoffmannii (Gabb) Whitteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 352, no pl.
Formation: Cretaceous
Location: Sucia Islands

Pleurostomella subnodosa (Reuss) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 100
Formation: Cretaceous
Location: Timber Creek, N. J.

— **subnodosa** (Reuss) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur. Final Rept., vol. 3, pt. 1, 1895, p

33, pl. C, fig. 25
Formation: Cretaceous
Location: Nebraska; Illinois

— **subnodosa** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 34, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey

— **subnodosa** (Reuss) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 202, pl. I, figs. 32–34
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

Pleurotoma decipiens n. sp. Cooper
Cal. State Min. Bur., Bull. 4, 1894, p. 40, pl. II, fig. 32
Formation: Cretaceous
Location: Rose Canyon, California

— **farmingdalensis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 185, pl. XXIII, figs. 3, 4
Formation: Cretaceous, Base of Upper Green Marls
Location: Farmingdale, New Jersey

— **farmingdalensis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 185, pl. XXIII, figs. 3, 4
Formation: Cretaceous, Upper Green Marls
Location: New Jersey

— **farmingdalensis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 802, pl. XCVIII, figs. 18-19
Formation: Cretaceous, Manasquan marl
Location: New Jersey

— **hitzi** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 161, pl. XXXIV, fig. 4
Formation: Cretaceous, Colorado
Location: Opposite Fort Shea on the Missouri river

— (?) **hitzi** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 238, pl. XLIV, fig. 4
Formation: Cretaceous
Location: New Mexico

— **perkinsiana** n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 40, pl. II, figs. 23, 24
Formation: Cretaceous
Location: Marysville Buttes, California

Pleurotomaria abbotti (Gabb) Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 63, 1911, p. 534, no pl.
Formation: Cretaceous
Location: New Jersey

— **austinensis** (Shumard) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, P. 76, pl. XVIII, figs. 2-3
Formation: Cretaceous, Duck Creek and Fort Worth
Location: North Texas

— **brittoni** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 188, pl. XXIII, figs 7–9
Formation: Cretaceous, Upper Green Marls
Location: New Jersey

— **brittoni** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 188, pl. XXIII, figs. 7–9
Formation: Cretaceous, Base of Upper Green Marls
Location: Farmingdale, New Jersey
— **brittoni** (Whitfield) Weller
Pal. N. J., vol. 4, 1907, p. 667, pl. LXXV, figs. 10–12
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **circumtrunca** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 88, pl. XIX, figs. 8, 9
Formation: Jurassic
Location: Malone, Texas
— **crotaloides** (Morton) Pilsbry
Philadelphia Acad. Nat. Sci. Proc., Vol. 48, 1896, p. 10, pl. 1
Formation: Cretaceous, Lower and Middle Marl, Selma
Location: New Jersey; Alabama
— **crotaloides** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 665, pl. LXXV, figs. 7–9
Formation: Createceous, Navesink marl
Location: New Jersey; Alabama; Texas
— **crotaloides** (Morton) Pilsbry
Philadelphia Acad. Nat. Sci. Proc., vol. 63, 1911, p. 534, fig. 1
Formation: Cretaceous
Location: New Jersey
— **macilenta** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept. 1893, p. 228, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Travis, Williamson, Bell, and Gillespie counties, Texas
— **robusta** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept. 1893, p. 228, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: On Bosque river bluffs, 2 mi. southwest of Bosqueville, and on San Gabriel river, 2 mi. east of Georgetown, Texas
— **skidegatensis** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 288, no pl.
Formation: Cretaceous
Location: East end of Maud Island, south side of Alliford Bay
— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 64, no pl.
Formation: Cretaceous, Knoxville beds
Location: California
— **stantoni** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 30, pl. XX
Formation: Cretaceous
Location: Shoal creek, Austin, Texas
— **tintonensis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 178, pl. XXII, figs. 6–9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **tintonensis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 178, pl. XXII, figs. 6–9
Formation: Cretaceous, Middle Green Marls

Location: Tinton Falls, New Jersey
— **woolmani** n. sp. Pilsbry
Philadelphia Acad. Nat. Sci. Proc., vol. 63, 1911, p. 535, no fig.
Formation: Cretaceous
Location: Mullica Hill, New Jersey
Pleurotrema n. gen. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 179, no pl.
— n. gen. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 179, no pl.
— **solariformis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 180, pl. XXII, figs. 10–14
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **solariformis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 180, pl. XXII, figs. 10–14
Formation: Cretaceous, Middle Green Marls
Location: Timber creek, New Jersey
— **solariformis** Whitfield, Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 667, pl. LXXV, figs. 13–14
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Plicatula arenaria (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 70, pl. IX, figs. 3, 4
Formation: Cretaceous, "Lower cretaceous of Dr. Newberry's section"
Formation: Covero, New Mexico
— **arenaria** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XXXVI, figs. 3, 4, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **dentonensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 209, pl. XLVI, figs. 7,8
Formation: Cretaceous, Below Denton marl
Location: East side of Denton creek valley, opposite Justin, Denton county, Texas
— **hydrotheca** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 69, pl. IX, figs. 1, 2
Formation: Cretaceous, Colorado
Location: Head of Water-pocket canyon, Southern Utah
— **hydrotheca** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, no descrip., pl. XXXVI, figs. 1, 2
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **incongrua** (Con.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 209, pl. XLVI, figs. 9, 10
Formation: Cretaceous
Location: Texas
— **mulicaensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 485, pl. LII, figs. 3–5
Formation: Cretaceous, Navesink marl

Location: New Jersey
— cf. **spinosa** Sow. Lundgren
Meddeleiser om Grönland, vol. 19, 1895, p. 197, pl .III, fig. 10
Formation: Jurassic
Location: Kap Stewart, east Greenland
— **sportella** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 43, pl. III, figs. 8, 9
Formation: Jurassic
Location: Malone, Texas
— **senescens** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 2, pl. I, figs. 17–18
Formation: Neocomian
Location: Kiowa county, Kansas
— **subgurgitis** n. sp. Böse
Inst. Geol. de México, Bol 25, 1910, p. 100, Lám. XV, figs. 21–23
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **urticosa** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 484, pl. LII, figs. 1–2
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **woodburyensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 485, pl. LII, figs. 8-9
Formation: Cretaceous, Woodbury clay
Location: New Jersey
Podocrates—see **Linuparis**
— **vancouverensis** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 132
Formation: Cretaceous
Location: Hornby Island, Vancouver
Polorthus tibialis (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 659, pl. LXXIV, figs. 12–15
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Polycyclus (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 201, no pl.
Formation: Triassic
Location: California
— **nodifer** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 201, pl. XXXVIII, figs. 1–18
Formation: Triassic
Location: Shasta County, California
Polymorphina augusta (Egger) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 125
Formation: Cretaceous
Location: Mullica Hill, N. J.
— **communis** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 126
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
— **communis** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 60, pl. VI, fig. 2

Formation: Rancocas
Location: New Jersey
— **communis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 248, pl. III, fig. 18
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **compressa** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 127
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
— **compressa** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 60, no pl.
Formation: Rancocas
Location: New Jersey
— **compressa** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 248, pl. III, fig. 20
Formation: Cretaceous, Vincetown limesand
Location: Vincetown, New Jersey
— **emersoni** n. sp. Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 60, pl. VI, fig. 3
Formation: Cretaceous, Monmouth
Location: New Jersey
— **emersoni** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 249, pl. III, fig. 19
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **gibba** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 61, no pl.
Formation: Monmouth and Rancocas
Location: New Jersey
— **gibba** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 250, pl. III, fig. 21
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **lactea** (Walker and Jacob) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 128
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **lactea** (Walker and Jacob) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 61, no pl.
Formation: Monmouth, Rancocas
Location: New Jersey
— **lactea** (Walker and Jacob) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 250, pl. III, figs. 22–23
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **lactea elongata** var. (Brady) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 61, no pl.
Formation: Rancocas
Location: New Jersey
— **lactea elongata** var. (Brady) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 251, pl. III, figs. 24–25

Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **oblonga** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 129
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **oblonga** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 62, no pl.
Formation: Monmouth, Rancocas
Location: New Jersey
— **oblonga** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 252, no pl.
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **orbignii** (Zborzewski) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 62, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **orbignii** (Zborzewski) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 252, pl. III, fig. 26
Formation: Cretaceous, Vincetown limesand
Location: Vincentown, New Jersey
— **problema** (d'Orbigny) Woodward
New York Microscopical Soc.Journ., vol. 10, No. 4, 1894, p. 130
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
— **problema** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, p. 62, no pl.
Formation: Lias to Recent, Rancocas
Location: New Jersey
— **problema** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 253, pl. III, figs. 27–28
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **regularis** (von Münster) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 131
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
— **regularis** (von Münster) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 63, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **regularis** (von Münster) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 253, pl. III, figs. 29–31
Formation: Cretaceous, Vincentown limesand
Location: Brownsville, New Jersey
— **rotundata** (Bornemann) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 131
Formation: Cretaceous
Location: Timber Creek, New Jersey
Polynices (Montfort) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 499, no pl.

Formation: Cretaceous
Location: Maryland
— **(Euspira) altispira** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 500, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; New Jersey
— **(Euspira) halli** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 499, pl. XIII, figs. 1, 2
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey
Polypora coyotaensis n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XLVII, fig. 8 (no description)
Formation: Cretaceous
Location: Near Coyote Springs, New Mexico
Polytychites—see **Olocostephanus**
— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 186, Lám. XL, fig. 6
Formation: Cretaceous
Location: Mazapil, Mexico
Pontocypris pyriformis n. sp. Jones
Geol. Mag., dec. IV, vol. 2, 1895, p. 23, pl. II, figs. 3a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: South Branch Milk River, Alberta, Canada
Popanoceras (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 70, no pl.
Formation: Triassic
— **(Parapopanoceras) haugi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 71, pl. LXXVI, figs. 1–22
Formation: Triassic
Location: Inyo County, California
(Parapopanoceras) haugi Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 41, pl. XIII, figs. 1–22; pl. XXXIV, figs. 14, 15
Formation: Triassic
Location: West Humboldt range, Nevada
Popanoceratidæ (Hyatt) suborder Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 70, no pl.
Porina coronata (Reuss) ? Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 351, pl. XXVI, fig. 11
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **labiata** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 350, pl. XXVI, figs. 1–6
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **quadrangularis** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 350, pl. XXVI, figs. 7–8
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek, New Jersey
Porites reussiana (Duncan) Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 249, no pl.

Formation: Cretaceous
Location: Upper Clarendon Dictrict, Jamaica
Porocystis n. gen. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 165, no pl.
— **pruniformis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 165, pl. XXIV, figs. 2–6
Formation: Cretaceous, Chalky limestone of alternating beds
Location: Travis, Burnet, Williamson, Lampasas, and other counties, Texas
— **pruniformis** Cragin (? **Araucarites Wardi** Hill) Rauff
Neues Jahrbuch Min., 1895, Band 1, p.1, Taft I, fig. 1
Formation: Cretaceous, Glen Rose, Comanche Peak
Location: Travis, Burnet, Williamson and Lampasas counties, Texas
— **pruniformis** (Cragin) Jarvis
Biol. Bull., vol. 9, 1905, p. 388, figs. 1–6
Formation: Cretaceous
Location: Texas
Posidonomya ornati (Quenstedt) Ravn
Meddeleiser om Grønland, vol. 45, 1911, p. 462, pl. XXXIII, figs .2, 3
Formation: Jurassic
Location: Store Koldewey Island
— **ornati** (Quenstedt sp) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 462, pl. XXXIII, figs. 2, 3
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island
Postligata—see **Glycimeris**
— n. subgen. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 543, no pl.
Potamides carbonicola n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 44, pl. I, figs. 14–19
Formation: Cretaceous
Location: California Coal Mine, Fresno County, California
— ? **davisiana** n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 44, pl. I, fig. 13
Formation: Cretaceous
Location: Marysville Butte, California
— **tenuis** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 363, no pl.
Formation: Cretaceous
Location: Northwest side of Hornby Island; Nanaimo mines, Vancouver Island
Potamocypris affinis n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 387, pl. XV, figs. 8a, b
Formation: Bear River formation
Location: Cokeville, S. W. Wyoming
— **unisulcata** (Jones) Jones
Geol. Mag., dec III, vol. 10, 1893, p. 387, pl. XV, figs. 10a, b
Formation: Montana formation

Location: Coalville, Utah

Prionocyclus macombi (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 172, pl. XLI, fig. 1–5
Formation: Cretaceous
Location: Banks of Canadian River, New Mexico; Near Mancos, southwest Colorado

— **macombi** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 464–465, pl. CI
Formation: Cretaceous
Location: Septaria horizon, Williams' Butte, Mitchell county, Kansas

— **macombi** (Meek) Johnson
School of Mines Quart., vol. 24, No. 2, p. 211, 1903, (See Bull. U. S. Geol. Sur., No. 106, p. 172)
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico

— **macombi** (Meek) Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 139
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico

— n. sp. Johnson
School of Mines Quart. vol. 24, No. 2, 1903, p. 211, pl. I, fig. 15
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico

— n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 139
Formation: Cretaceous; Fort Benton
Location: Cerrillos, New Mexico

— **woolgari** (Mantell) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 215, pl. XXVIII, fig. 1
Formation: Cretaceous
Location: Rio Puerco Valley, New Mexico

— **wyomingensis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 171, pl. XL, figs. 1–4
Formation: Cretaceous, beneath Niobrara limestone
Location:Medicine Bow river, Wyoming; Huerfano park, Southern Colorado

— **wyomingensis** (Meek) Gilbert
U.S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895–96, pl. LVIII
Formation: Cretaceous, Carlile shale
Location: East Colorado

— **wyomingensis** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 463–64, pl. CVI
Formation: Cretaceous, Septaria horizon
Location: Williams' Butte, Mitchell county, Kansas

— **wyomingensis** (Meek) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 211 (See U. S. Geol. Sur. Bull., No. 106, p. 171)
Formation: Fort Benton age
Location: Cerrillos, New Mexico

— **wyomingensis** (Meek) Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 139

Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico
— **wyomingensis** (Meek) Shimer and Blodgett
American Jour. Sci., 4th ser., vol. 25, 1908, p. 66
Formation: Cretaceous, Ft. Benton
Location: New Mexico
Prionolobus—see Meekoceras
Prionolobus (Waagen) subgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 150, no pl.
Formation: Triassic
Location: California
Prionotropis branneri n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 125, pl. I, figs. 11–16
Formation: Cretaceous, Chico beds
Location: Phoenix, Oregon
— **hyatti** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 176, pl. XLII, figs. 5–8
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano park, Colorado; Coalville, Utah
— **hyatti** (Stanton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 468, pl. CII, figs. 5–8
Formation: Cretaceous, Fort Benton limestone
Location: Salt creek and Rattlesnake creek
— **hyatti** (Stanton) Shimer and Blodgett
American Jour. Sci., 4th ser. vol. 25, 1908, p. 66
Formation: Cretaceous
Location: Fort Benton, New Mexico
— **lævianus** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 470, pl. CIII, figs. 3–4
Formation: Cretaceous, Septaria horizon of Blue Hills shales
Location: Saline river north of Hays City
— ? **lævianus** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 178, pl. XLIII, figs. 3–4
Formation: Cretaceous, Fort Benton shales ?
Location: At Ojo de los Cuervas, New Mexico; Colorado ?
—**woolgari** (Mantell) Stanton
U. S. Geol. Bull. 106, 1893, p. 174, pl. XLII, figs. 1–4
Formation: Cretaceous, Fort Benton shales; Eagle Ford shales
Location: Black Hills, South Dakota; Nebraska; New Mexico; eight miles north of Fort Lyon, Colorado; Texas
—**woolgari** (Mantell) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 466–68, pl. CII, figs. 1–4
Formation: Cretaceous, Fort Benton limestone
— **woolgari** (Meek) Logan — **woolgari (Mantel)**
Field Col. Mus. Geol. ser., vol. 1, No. 6, p. 211, 1899, pl. XXIV figs. 1–6
Formation: Cretaceous
Location: Benton, Kensas
— **woolgari** (Mantell) sp. Johnson
School of Mines Quart., vol 24, No. 2, 1903, p. 213, pl. XII, fig. 31, a, b, c

Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico
— **woolgari** (Mantell sp.) Johnson
Colubmia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 141, pl. XII, fig. 31 a, b, c
Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico
—**woolgari** (Mantell) Shimer and Blodgett
Amer. Jour. Sci., 4th ser. vol. 25, 1908, p. 66
Formation: Cretaceous, Fort Benton
Location: New Mexico
Proarcestes—see **Arcestes**
— **(Mojsisovics) Hyatt and Smith**
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 74, no pl.
Formation: Triassic
Proclydonautilus (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 205, no pl.
Formation: Triassic
Location: California
— (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 401, no pl.
Formation: Triassic
Location: California
— **triadiscus** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 206, pl. XLIX, figs. 1–3, pl. L, figs. 1–17
Formation: Triassic
Location: Shasta County, California
— **triadiscus** (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 401, pl. XLVI, fig. 2; pl. XLVII, fig 2
Formation: Triassic, Karnic
Location: California
Proniceras n. gen. Burkhardt
Inst. Geol. de México, Bol. 33, 1919, p. 40
Formation: Jurassic
— aff. **Aguilaræ** n. sp. Burckhardt
Inst. Geol. de Mexico, Bol. 33, 1919, p. 46, Lám. XV, figs. 13, 14, 16
Formation: Jurassic
Location: Torres, Mexico
— **Aguileræ** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 45, Lám. XV, figs. 9, 11, 15
Formation: Jurassic
Location: Torres, Mexico
— **idoceroides**, n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 42, Lám. XV, figs. 2, 4
Formation: Jurassic
Location: Torres, Mexico
— juv. sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 49, Lám. XVI, figs. 4–8, 16–19, 23–25, 27, 33
Formation: Jurassic

Location: Torres, Mexico
— **neohispanicum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 43, Lám. XV, figs. 1, 5–7
Formation: Jurassic
Location: Torres, Mexico
— **torresense** n. sp. Burckhardt
Inst. Geol. de Mexico. Bol. 33, 1919, p. 44, Lám. XV, figs. 8, 10, 12
Formation: Jurassic
Location: Torres, Mexico
— **Victoris** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 47, Lám. XVI, figs. 1–3
Formation: Jurassic
Location: Torres, Mexico
Pronoritidæ Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 108, no pl.
Proptychites (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 84, no pl.
Formation: Triassic
Location: California
— **walcotti** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 85, pl. XIX, figs. 1–7
Formation: Triassic
Location: California
Prorsiceras (Buckman) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
Prosphingites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 72, no pl.
Formation: Triassic
Location: California
— **austini** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 72, pl. VII, figs. 1–4
Formation: Triassic
Location: California
Protengonoceras ? emarginatum (Cragin) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 157, no pl.
Formation: Cretaceous, Walnut beds
Location: Pleasant Point, Texas
— **gabbi** (Bohn) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 153, pl. XXII, figs. 16–20
Formation: Cretaceous, Fredericksburg group
Location: Arivechi, Sonora, Mexico
— Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 153, no pl.
Formation: Cretaceous
Locality not given
— **planum** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1905, p. 156, pl. XVIII, figs. 6–9
Formation: Cretaceous
Location: Texas
Protobusycon—see **Busycon**
Protocardia sp. aff. **multistriata** (Shumard) Adkins

Univ. of Texas Bull. 1856, 1918, p. 126, pl. X figs. 21–26, 32
Formation: Cretaceous, Weno
Location: Denison and Gainesville, Texas
— **rara** (E. and S.) Johnson
School of Mines Quart., Vol. 24, No. 2, 1903, p. 196
(See Rept. U. S. Geol. Sur. Terr. vol. 9, p. 176)
Formation: Cretaceous, Fort Pierre age
Location: Achavica Arroyo. New Mexico
— **rara** (E. & S.) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. 10, No. 90, 1903, p. 124
Formation: Cretaceous, Fort Pierre
Location: Achavica Arroyo, New Mexico
— **scitula** (Meek) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, p. 382, 1903, no pl.
Formation: Cretaceous
Location: Yorke's farm, Nanaimo river, Vancouver Island
— **shumardi** (M. & H.) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 621, no pl.
Formation: Jurassic, Ellis formation?
Location: Yellowstone National Park
— **subsimile** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 290, no pl.
Formation: Cretaceous
Location: East end of Maud Island; South side of Alliford Bay
— sp. indt. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous, Glen Rose
Location: Near Glen Rose, Texas
— sp. Ravn.
Meddelelser om Grönland, vol. 45, 1911, p. 477
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paléont. No. 10, 1911, p. 477
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island
— **texana** (Conrad) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 75, pl. XVIII, fig. 7
Formation: Cretaceous, Goodland and Washita
Location: North Texas
Protocardium jerseyensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 596, pl. LXV, fig. 21
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **pendens** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 210, no pl.
Formation: Cretaceous. Limestone of alternating beds
Location: Hickory creek, Burnet county, Texas
— **stonei** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 210, no pl.
Formation: Cretaceous, Comanche Peak; Alternating beds

Location: Comanche Peak, Hood county, Texas
— **subspingerum** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 210, no pl.
Formation: Cretaceous, Denton marl
Location: On Red River, Cooke county, Texas
Protrachyceras—see Trachyceras
— (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 193, no pl.
Formation: Triassic
— (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 387, no pl.
Formation: Triassic
— aff. **Richthofeni** (Mojs.) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 39, Taf. III, figs. 10, 11
Formation: Triassic
Location: Ammonitenberg am Bärenkaplande
— cf. **Sverdrupi** Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 39, Taf. III, fig. 9
Formation: Triassic
Location: Ammonitenberg am Bärenkaplande
— cf. **Sverdrupi** n. f. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 38, Taf. III, fig. 8
Formation: Triassic
Location: Ammonitenberg am Bärenkaplande
Psammechinus cingulatus Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 55, pl. XX, figs. 1a–i
Formation: Cretaceous
Location: New Jersey
— **cingulatus** (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 288, pl. X, figs. 1–9
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek New Jersey
— **cingulatus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 63, pl. XXII, figs. 2a–i
Formation: Cretaceous, Rancocas
Location: Timber Creek New Jersey
Pseudaspidoceras aff. footeanum (Petrascheck) Böse
Univ. of Texas Bull. 1856, 1918, p. 208, no pl.
Formation: Turonian (Salmurian) Cretaceous
Location: Mexico
— aff. **pedroanum** (White) Böse
Univ. of Texas Bull. 1856, 1918, p. 209, pl. XIII, fig. 1; pl. XIV, fig. 1
Formation: Turonian (Salmurian) Cretaceous
Location: Mexico
Pseudodiadema diatretum (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 46, pl. XIII, figs. 1a–f
Formation: Cretaceous

Location: New Jersey
— **diatretum** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 285, pl. IX, figs. 1–6
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **diatretum** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 56, pl. XIX, figs. 1a–f
Formation: Cretaceous, Rancocas
Location: Vincentown, Timber Creek, Gloucester, New Jersey
— **emersoni** Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 45, pl. XII, figs. 2a–e
Formation: Jurassic
Location: California
— **emersoni** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 32, pl. V, figs. 1a–e
Formation: Jurassic, Monnon Sandstone
Location: Plumas county, California
— **speciosum** (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 286, pl. IX, figs. 7–14
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
— **texanum** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 161, no pl.
Formation: Cretaceous, Alternating beds
Location: Travis, Burnet and other counties, Texas
— **texanum** (Roemer) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 47, pl. XIII, figs. 2a–b; pl. XIV, figs. 1a–g
Formation: Cretaceous
Location: Texas
— **texanum** (Roemer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 55, pl. XVIII, figs. 1a–i
Formation: Cretaceous, Comanche Peak, Glen Rose
Location: Texas
— **(Diplopodia) cfr. variolare** (Brongniart) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 155, Lám. XXXIII, figs. 1–6; Lám. XXXIV, figs. 1, 2
Formation: Lower Cenomanian
Location: Cerro Muleros
Pseudomelania (Pictet and Campeche) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 480, no pl.
— **goodellii** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 95, pl. XXI, fig. 10
Formation: Jurassic
Location: Malone, Texas
— **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 480, pl. XVI, fig. 10
Formation: Cretaceous, Monmouth
Location: Prince George's County, Maryland
Pseudomonotis (Beyrich) Smith

Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 406, no pl.
— **curta** (Hall)? Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 617, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park
— **curta** (Hall) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 125, pl. XXX, fig. 5
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
— sp. (aff. **Jacksoni** Pompeckj) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 174
Formation: Jurassic
Location: Neill's Cliffs, Greenland
— ? sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 454
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland
— ? sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10, 1911, p. 454
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland
— **subcircularis** (Gabb) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 407, pl. XLIX, figs. 1–3
Formation: Triassic, Noric
Location: Nevada, California
Pseudocadoceras (Buckman) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
Pseudoperna n. gen. Logan
Kans. Univ. Quart., vol. 8, 1899, p. 95, no pl.
— **attenuata** n. sp. Logan
Kans. Univ. Quart., vol. 8, 1899, p. 97, pl. XXIII, figs. 8, 9
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas
— **orbicularis** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 97, pl. XXIII, figs. 10, 11
Formation: Cretaceous
Location: Kansas
— **rugosa** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 96, pl. XXIII, figs. 1–5
Formation: Cretaceous, Niobrara, Rudistes beds
— **torta** n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 96, pl. XXIII, figs 6,7
Formation: Cretaceous, Rudistes and Hesperornis beds
Location: Kansas
— **wilsoni** n. sp. Logan
Field Col. Mus. Geol. ser. vol. 1, No. 6, 1899, p. 215, pl. XXVI, figs. 4,5
Formation: Cretaceous, Niobrara

Location: Kansas
Pseudophyllites Indra (Forbes) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 331, no pl.
Formation Cretaceous
Location: Hornby Island
Pseudosageceras (Diener) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 98, no pl.
Formation: Triassic
Location: California
— **intermontanum** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 99, pl. IV, figs. 1–3 pl. V, figs. 1–6; pl. LXIII, figs. 1, 2
Formation: Triassic
Location: California; Idaho
Psilocochlis ? accidentalis Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 44, pl. VIII, figs. 15a, 15b
Formation: Cretaceous, Cannonball
Location: Cedar River near Pretty Rock N. Dak.
Psiloma—see **Liopistha**
Pteria (Scopoli) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 548, no pl.
— **laripes** (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 431, pl. XLII, fig. 3
Formation: Cretaceous
Location: New Jersey
— **linguiformis** (E. and S.) Shimer and Blodgett
Amer. Jour. Sci., 4th Ser. vol. 25, 1908, p. 62
Formation: Cretaceous, Ft. Benton or Niobrara
Location: New Mexico
— **linguiformis** (Evans and Shumard)
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 24, pl. III, fig. 1
Formation: Cretaceous, Cannonball
Location: Morristown, S. Dak.; Mandan, N. Dak.
— **navicula** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 432, pl. XLII, fig. 4
Formation: Cretaceous, Woodbury clay, Red Bank sand
Location: New Jersey
— **petrosa** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 429, pl. XLII, figs. 1,2
Formation: Cretaceous, Cliffwood clay, Wenonah sand
Location: New Jersey; Colorado; South Dakota; Canada
— **petrosa** (Conrad) Meek, Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 548, pl. XXI, fig. 10
Formation: Cretaceous, Monmouth, Magothy, Matawan, Black Creek, Ripley, Pierre Shales
Location: Maryland; New Jersey; N. and S. Carolina; Mississippi; western interior
— **rhombica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 549, pl. XXI fig. 11; pl. XXII, figs. 1, 3
Formation: Cretaceous

Location: Maryland
— ? **salinensis** (White) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 211, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Walnut Creek, three and one-half miles east of Mansfield, Texas
Pterocerella tippana (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 718, pl. LXXXIII, figs. 1,2
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Mississippi
Ptiloteuthis cf. **foliatus** (Gabb) Burwash
Can. Roy. Soc. Proc. and Trans., 3rd ser., sec. 4, vol. 7, 1914, p. 80, pl. 1, fig. 1a, 1b
Formation: Cretaceous
Location: Alliford Bay, Queen Charlotte Islands
Ptychitoidea Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
Ptychitidae (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
— Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 81, no pl.
Ptychites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper, 40, 1905, p. 86, no pl.
Formation: Triassic
Location: Nevada
— **evansi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, p. 43, 1914, pl. XXI, figs. 3, 3a
Formation: Triassic
Location: West Humboldt range, Nevada
— **meeki** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 87, pl. XXV, figs. 6–12
Formation: Triassic
Location: Nevada
— **meeki** (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 47, pl. VI, figs. 6–12
Formation: Triassic
Location: West Humboldt range, Nevada
Ptychoceras—see Hamites
Ptychoceras (Solenoceras) annulifer Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 273, pl. XLV, figs. 6–8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Solenoceras)** annulifer Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 273, pl. XLV, figs. 6–8
Formation: Cretaceous, Lower Green Marls
Location: Deep cut of Chesapeake and Delaware Canal, Delaware
— near **crassum** Harris and Veatch
Geol. Sur.La. Rep., 1899, p. 297, pl. LI, fig. 5
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville Parish, Louisiana
Ptychomya ragsdalei (Cragin) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 24, pl. XII, XIII, fig. 1
Formation: Cretaceous, Buda

Location: Shoal Creek, Austin, Texas
— **stantoni** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 69, pl. XII, figs. 4–6
Formation: Jurassic
Location: Malone, Texas
Pugnellus (Conrad) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 467, no pl.
Formation: Cretaceous
Location: Maryland
— **densatus** (Conrad) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 720, pl. LXXXIII, fig. 6
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Mississippi
— **densatus** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 468, no pl.
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; North and South Carolina; Alabama; Mississippi
— **fusiformis** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 148, pl. XXXI, figs 7–11
Formation: Cretaceous, Pugnellus Sandstone, Fort Benton group
Location: Coalville, Utah; Colorado; Bear River City, Wyoming
— **fusiformis** (Meek) Herrick and Johnson
Den. Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 238, pl. XLIII, figs. 7–11 (no description)
Formation: Cretaceous
Location: New Mexico
— **goldmani** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 469, pl. XVII, figs. 5,6
Formation: Cretaceous. Monmouth
Location: Prince George's County, Maryland
Pulchellia bentonianum n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 239, no pl.
Formation: Cretaceous, Eagle Ford Shales
Location: Hackberry creek, Dallas county, Texas
— **mexicana** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 35, Lám. VI, fig. 8; Lám. VII, fig. 1
Formation: Jurassic
Location: Mineral de Catorce, San Luis Potosi, Mexico
Pulvinulina haueri (d'Orbigny) sp. Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 44, pl. E, fig. 34
Formation: Cretaceous
Location: Minnesota
— **karsteni** (Reuss) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 139
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **karsteni** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 67, no pl
Formation: Rancocas

Location: New Jersey
— **karsteni** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 263, pl. IV, figs. 30–32
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **menardii** (d'Orbigny) sp. Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Report, vol. 3, pt. 1, 1895, p. 45, pl. E, fig. 33
Formation: Cretaceous
Location: Nebraska
— **micheliniana** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 138
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **micheliniana** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 68, no pl.
Formation: Rancocas
Location: New Jersey
— **micheliniana** (d'Orbigny) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 264
Formation: Cretaceous, Horsetown marl
Location: New Jersey
— **reticulata** (Reuss) var. **carinata** (Bagg) Bagg
U. S. Geol. Bull. 88, 1898, p. 68, pl. V, figs. 3a–3b
Formation: Cretaceous, Monmouth
Location: New Jersey
— **reticulata** (Reuss) var. **carinata** (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 265, pl. IV, figs. 33–3
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
Puzozia—see **Desmoceras**
Pycnodonta—see **Gryphaea**
— (Fischer de Waldheim) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 572, no pl.
Pygurus sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, p. 34, no pl.
Formation: Jurassic
Location: Malone Mountain, Texas
— **geometricus** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1916, p. 72, no pl.
Formation: Cretaceous, Matawan
Location: Delaware
— sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 36, no pl.
Formation: Jurassic
Location: Malone, Texas
Pyrgulifera humerosa (Meek) White
U. S. Geol. Bull. 128, 1895, p. 55, pl. VII, fig. 1–11; pl. IX, figs. 4–8
Formation: Cretaceous, Bear River
— **meekii** n. sp. White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 135, pl. VIII, fig. 13

Formation: Cretaceous, Dakota
Location: Jefferson county, Nebraska
— **stantoni** n. sp. White
U. S. Geol. Bull. 128, 1895, p. 57, pl. IX, figs. 1–3
Formation: Cretaceous, Bear River
Location: Wyoming
Pyrifusus (Conrad) Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 48, no pl.
—(Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 456, no pl.
— Conrad
U. S. Geol. Sur. Mon. 18, p. 48, 1892, no pl.
Formation: Cretaceous
Location: New Jersey
— **cuneus** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, p. 51, pl. IV, figs. 9-11
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **cuneus** n. sp. Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 51, pl. IV, figs. 9–11
Formation: Cretaceous, Lower Green Mahls
Location: New Jersey
— **cuneus** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 460, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
— **elevata** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 462, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey ?
— **erraticus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 50, pl. IV, figs. 4, 5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **erraticus** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 50, pl. IV, figs. 4, 5
Formation: Cretaceous, Lower Green Marls
Location: Cliffwood, New Jersey
— **erraticus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1904, p. 736, pl LXXXV, fig. 16
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
Pyrifusus (Neptunella) gracilis Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 41, pl. VIII, figs. 1a, b
Formation: Cretaceous, Cannonball
Location: Heart River, Mandon, N. Dakota; Leith, N. Dakota
— **hancocki** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 42, pl. VIII, fig. 4
Formation: Cretaceous, Cannonball
Location: Heart River near Mandon, N. Dakota
— **(immature)** Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 463, pl. XVI, fig. 4

Formation: Cretaceous, Monmouth
Location: Prince George's County, Maryland
— **macfarlandi** n. sp. Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 52, pl. IV, figs. 14–15
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **macfarlandi** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 52, pl. IV, figs. 14–15
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **macfarlandi** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 735, pl. LXXXV, fig. 17
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **marylandicus** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 457, pl. XVI, figs. 7–9
Formation: Cretaceous, Monmouth
Location: Maryland
— **meeki** n. sp. Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 55, pl. IV, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **meeki** n. sp. Whitfleld
U. S. Geol. Sur., Mon. 18, 1892, p. 55, pl. IV, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey
— **meeki** (Whitfleld) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 732, pl. LXXXV, figs. 9–15
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **mullicaensis ? (Gabb) Whitfield**
U. S. Geol. Sur., Mon. 18, 1892, p. 52, pl. IV, figs. 16-19
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **mullicaensis** ? (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 52, pl. IV, figs. 16–19
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **mullicaensis** ? (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 733, pl. LXXXV, figs. 9–15
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
— **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 459, pl. XVI, figs. 5, 6
Formation: Cretaceous, Monmouth ?
Location: Maryland
— **(Neptunella) newberryi** (M and H) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 40, pl. VII, figs. 8a, 8b
Formation: Cretaceous
Location: Moreau River, Fox Hills, S. Dakota; Mandan, N. Dakota
— **pyruloides** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 53, pl. IV, figs. 12, 13

Formation: Cretaceous, Lower Green Marls
Location: Burlington County, New Jersey

— **pyruloides** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 53, pl. IV, figs. 12–13
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **turritus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 54, pl. V, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **turritus** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 54, pl. V, figs. 1–5
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, near Burlington and Middletown, New Jersey

— **vittatus** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 458, pl. XV, fig. 4
Formation: Cretaceous, Monmouth
Location: Maryland

— **whitfieldi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 461, pl. XIV, fig. 5
Formation: Cretaceous, Monmouth
Location: Maryland

Pyrina bulloides n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 162, no pl.
Formation: Cretaceous, "Exogyra Texana beds"
Location: Castle Mountains, Crane County, Texas

— **clarki** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 163, Lám. XXXIX, figs. 3, 5–8; Lám. XL, figs. 1–3
Formation: Lower Cenomanian
Location: Cerro Muleros

— **inaudita** n. sp. Böse
Inst. Geol. de México, Bol. 25, p. 162, 1910, Lám. XXXVIII, figs. 3–8; Lám. XXXIX, figs. 1, 2, 4
Formation: Lower Cenomanian
Location: Cerro Muleros

— **parryi** (Hall) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 59, pl. XXIV, figs. 1a–k
Formation: Cretaceous, Comanchean, Washita
Location: Texas

— **parryi** (Hall) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 162, no pl.
Formation: Cretaceous, Fort Worth, limestone
Location: 2 miles east of Georgetown, Texas; and 2 miles north of Castorville, Texas

— **parryi** (Hall) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 67, pl. XXVII, figs. 1a–j
Formation: Comanche, Fredericksburg, Washita
Location: Texas

Pyripora irregularis (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 337, pl. XXIV, fig. 5

Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

Pyropsis (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 444, no pl.

— **bairdi** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, p. 210, pl. XXXIII, fig. 9; pl. XXXIV, fig. 6
Formation; Cretaceous, Sandstone above lignite
Location: East of San Francisco; also at Carthage, New Mexico

— **coloradoensis** (Stanton) Logan
Kan. Univ. Geol. Sur. vol. 4, 1898, p. 460, pl. C, figs. 6–8
Formation: Cretaceous, Septaria horizon of Fort Benton
Location: Kansas

— **coloradoensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 154, pl. XXXII, figs. 6–8
Formation: Cretaceous, Pugnellus Sandstone
Location; On Williams Creek and in Poison Canyon, Huerfano Park, Colorado; and at Coalville, Utah

— (Conrad) Whitfield
Geol. Sur. N. J., vol, 2, 1892, p. 34, no pl.
Formation: Cretaceous
Location: New Jersey

— (Conrad) Whitfield
U. S. Geol. Sur. Mon. 18, p. 34, 1892, no pl.
Formation: Cretaceous
Location: New Jersey

— (Rapa?) **corrina** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 45, pl .figs. 1-3
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **corrina** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 45, pl. III, figs. 1–3
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey

— **elevata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 35, pl. I, figs. 11–13
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **elevata** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 35, pl. I, figs. 11–13
Formation: Cretaceous, Lower Green Marls
Location: Burlington County, New Jersey

— **lenolensis** n. sp. Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 752, pl. LXXXVIII, figs. 20–24
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey

— **lenolensis** (Weller) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 453, pl. XVI, fig. 3
Formation: Cretaceous, Matawan
Location: Maryland; New Jersey

— **naticoides** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 43, pl. II, figs. 5–7

Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **naticoides** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 43, pl. II, figs. 5–7
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— ? **obesa** n. sp. Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 40, pl. III, figs. 12, 13
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **obesa** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 40, pl. III, figs. 12, 13
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— ? **obesa** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 748, pl. LXXXVIII, figs. 5–6
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **octolirata** Whitfield
Geol. Sur. N. J.,vol. 2, 1892, p. 36, pl. II, figs. 8–10
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **octolirata** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 36, pl. II, figs. 8–10
Formation: Cretaceous, Lower Green Marls
Location: Upper Freehold, Walnford, near Middleton and Had-
— **octolirata** (Conrad) Weller
Geol. Sur. N. J. Pal. vol. 4, 1917, p. 751, pl. LXXXVIII, figs. 17–18
Formation. Cretaceous, Woodbury clay
Location: New Jersey
donfield, New Jersey
— **perlata** ? Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 37, pl. I, figs. 8–10
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **perlata** ? Whitfield
U. S. Geol. Sur. Mon. 18, p. 37 ,pl. I, figs. 8–10
Formation: Cretaceous, Lower Green Marls
Location: Upper Freehold, New Jersey
— **perlata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 445, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Mississippi; Delaware; Maryland
— **planimarginata** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 745, pl. LXXXVI, figs. 11–14
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **pyruloidea** (Gabb)
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 742, pl. LXXXVI, figs. 6, 7
Formation: Cretaceous, Navesink marl
— **reileyi** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 42, pl. II, figs. 11–20

Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey

— **reileyi** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 42, pl. II, figs. 11–20
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **reileyi** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 448, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey

— **retifer** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 38, pl. II, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **retifer** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 38, pl. II, figs. 1–4
Formation: Cretaceous, Lower Green Marls
Location: Walnford, and near Middleton, New Jersey

— **retifer** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 749, pl. LXXXVIII, figs. 7–13
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey

— **retifer** (Gabb) (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 452, pl. XV, figs. 9, 10
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey

— **richardsonii** ? Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 39, pl. I, figs. 14–16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **richardsonii** ? (Toumey) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 39, pl. I, figs. 14–16
Formation: Cretaceous, Lower Green Marls
Location: Freehold, Crosswick's Creek, Neversink Hills, and near Freeport, New Jersey

— **richardsonii** (Toumey ?) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 739, pl. LXXXVI, figs. 2–5
Formation: Cretaceous, Merchantville clay marl, Navesink marl
Location: New Jersey; Alabama; Georgia; Mississippi

— **(Rapa ?) septemlirata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 44, pl. III, figs. 4–8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **(Rapa ?) septemlirata** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 44, pl. III, figs. 4–8
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill and Holmdel, New Jersey

— **septemlirata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 744, pl. LXXXVI, figs. 8–10; pl. LXXXVIII, figs. 1–4
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **septemlirata** (Gabb) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 449, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
— **trochiformis ?** (Toumey) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 41, pl. I, figs. 4–7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **trochiformis ?** (Toumey) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 41, pl. I, figs. 4–7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **trochiformis** (Toumey) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 746, pl. LXXXVII, figs. 1–11
Formation: Cretaceous: Marshalltown clay-marl, Navesink marl Tinton beds
Location: New Jersey; Alabama; Mississippi
— **torchiformis** (Toumey) (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 446, pl. XVI, figs. 1, 2
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; New Jersey
— **whitfieldi** n. sp. Weller
Geol. Sur. N. J., Pal. vol. 4, 1907, p. 750, pl. LXXXVIII, figs. 14–16
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
— **whitfieldi** (Weller) Gaerdner
Maryland Geol. Sur., U. Cret., 1916, p. 451, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
Pyrula precedens (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 724, pl. LXXXIV, figs. 3,4
Formation: Cretaceous, Navesink marl
Location: Holmdel, New Jersey
Quadrates (Agassiz) Packard
Example: Trigonia daedailea Parkinson. Oregon Univ. Pub., vol.1, No. 9, 1921, p. 19, pl. I, fig. 1
Formation: Cretaceous
Quenstedtia planulata n. sp. Whitfield and Harvey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 397, pl. XLVIII, fig. 11
Formation: Jurassic
Location: Black Hills
Quenstedticeras collieri n. sp. Reeside
U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 14, pl. I, figs. 1–8
Formation: Jurassic, Ellis formation
Location: Blaines County, Montana
— ? **hoveyi** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 15, pl. I, figs. 9–14; pl. II, fig. 1
Formation: Jurassic, Sundance formation
Location: Bear Lodge Mts., Wyoming
— (?) p. Ravn

Meddelelser om Gronland, vol. 45, 1911, p. 488, pl. XXXVI
Formation: Jurassic
Location: Traekpasset on Store Koldewey Island, Greenland
— (?) sp. Ravn
Copenhagen Univ. Min. Geol. Mus. Comm. Paleont. No. 10, 1911, p. 488, pl. XXXVI, fig. 4
Formation: Jurassic
Location: Traekpasset on Store Koldewey Island, Greenland
— (?) **subtumidum** (Whitfield & Hovey) Reeside
U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 16, pl IV, figs. 1–4
Formation: Jurassic, Sundance Formation
Location: Belle Fourche River, Cook county, Wyoming
— (?) **suspectum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 16, pl. II, figs. 2–4; pl. III; pl. IV, figs. 5–7; pl. V, figs. 1–2
Formation: Jurassic, Sundance formation
Location: Aurora (Ridge), Wyoming
— ? **tumidum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 17, pl. IV, figs. 8–10; pl. V, figs. 2–4
Formation: Jurassic, Sundance formation
Location: Red Canyon, south of Mathias Peak, S. Dakota
Radiolaria (Muller) Woodward and Thomas
Minn. Geol and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 50, pl. E, figs. 3–9
Formation: Cretaceous
Location: Shale near Rainy Lake, Northeast Minnesota
Radiolites (Lamarck) Stearns
Science, new ser., vol. 12, 1900, pp. 247-250, no pl.
Formation: Cretaceous
Location: California
— **adhærens** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 188, pls. X, XI, XII
Formation: Cretaceous
Location: Jamaica, West Indies
— **annulosus** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1892, p. 191, pl. XIV, fig. 3
Formation: Cretaceous
Location: Jamaica, West Indies
— **austinensis** (Roem.) Boese
Inst. Geol. de México, Bol. 24, 1906, p. 57, Lám. XI, fig. 1; Lám. XIII, fig. 8; Lám. XIV, fig. 1
Formation: Cretaceous, Lower Cenomanian
Location: On the San Luis Potosi to Tampico railway, Mexico
— **cancellatus** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 190, pls. XII, XIII
Formation: Cretaceous
Location: Jamaica, West Indies
— **davidsoni** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 106, pl. XIII
Formation: Cretaceous, Caprina limestone
Location: Texas

— **Davidsoni** (Hill) Douville
Bull Soc. de France, 3ser., No. 28, 1900, p. 218, figs. 13-15
Formation: Cretaceous, Edwards limestone
Location: Texas
— **macroplicatus** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 190, pls. XII, XIII
Formation: Cretaceous
Location: Jamaica, West Idies
— **maximus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 494, pl. CXV; pl. CXIX, fig. 1
Formation: Cretaceous, base of Ornithostoma beds
Location: Trego, Gove and Ellis county, Kansas
Radiolites (Lapeirousia) nicholasi n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 186, pls. VI–IX
Formation: Cretaceous
Location: Jamaica, West Indies
— **rudis** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 189, pl. XI, fig. 1
Formation: Cretaceous
Location: Jamaica, West Indies
— sp. ? Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 96, no pl.
Formation: Cretaceous, Niobrara
Location: Colorado
Rangia ? tenuidens (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907. p. 635, pl. LXXIII, figs. 6–8
Formation: Cretaceous, Raritan clay
Location: New Jersey
Rapa — see **Pyropsis**
Rapana stantoni n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 754, pl. LXXXIX, figs. 1–3
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey; Texas
Remondia (Gabb) Stanton (Type: **Rem. furcata** Gabb)
U. S. Nat. Mus. Proc., vol. 19, No. 1109, 1897, p. 301, pl. XXVI, figs. 1-5
Formation: Cretaceous, Comanche Peak limestone
Location: State of Sonora, Mexico
— ? **acuminata** (Cragin) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 136, pl. VI, fig. 1
Formation: Cretaceous, Weno
Location: Fort Worth, Texas
— ? **acuminata** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 74, pl. XIX, figs. 13–15
Formation: Cretaceous, Weno
Location: North Texas
— **ferrissi** (Cragin) Cragin
Amer. Geol., vol. 14, 1894, p. 5, pl. I, fig. 1 on p. 1
— **robbinsi** (White) Stanton
U. S. Nat Mus. Proc., vol. 19, No. 1109, 1897, p. 301, pl. XXVI. figs. 6, 7, 8 (no description)
Formation: Cretaceous, Comanchean
Location: Fort Worth, Texas

Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
— **robbinsi** (White) Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 17, pl. VII, fig. 7
Formation: Cretaceous, Buda limestone
Location: Shoal creek, Austin, Texas
— **robbinsi** (White) Whitney
Univ. of Texas Bull. 184. 1911, p. 17, pl. VII, fig. 7
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin
Reniera ? Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28. No. 1, 1896, p. 12, figs. 3, 4
Formation: Cretaceous flint
Location: Texas
— ? sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 14, fig. 10
Formation: Cretaceous flint
Location: Texas
— ? sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 14, fig. 36
Formation: Cretaceous flint
Location: Texas
Reptescharellina proliferus (Gabb and Horn) Weller
Geol. Sur. N. J. Pal.. vol. 4, 1907. p. 346, pl. XXV, fig. 2
Location: Mullica Hill, New Jersey
Reptomulticava cepularis (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 340, no pl.
Formation: Cretaceous, Vincentown limesand
Location: Timber creek, New Jersey
Reptoporina carinata (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 345, no pl.
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek, New Jersey
Requienia texana ? (Roemer) Hill
Wash. Biol. Soc. Proc., vol. 8. 1893, p. 28, no pl.
Formation: Cretaceous, Glen Rose beds
Location: Texas
Retelea ovalis (Gebb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4. 1907, p. 328, pl. XXII, figs. 3, 4
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Reticulipora dichotoma (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 318, pl. XXI, figs. 5–14
Formation: Cretaceous, Vincentown limesand
Location: Vincentown. New Jersey
— **sagena** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 319. pl. XXI, figs. 15–18
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek, New Jersey

Rhabdoceras (Hauer) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 202, no pl.
Formation: Triassic
— **russelli** (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 203, pl. XLVII, figs. 13–15; pl. LVI, fig. 26
Formation: Triassic
Location: Near Lovelock, Nevada
Rhabdogonium roemeri (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey
— **roemeri** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 231, no pl.
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **tricarinatum** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey
— **tricarinatum** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 232, pl. II, figs. 31, 32
Formation: Cretaceous, Vincentown limesand
Location: Brownsville, New Jersey
— **tricarinatum** var. **acutangulum** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey
— **tricarinatum** var. **acutangulum** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 232, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: Marshalltown. New Jersey
Rhacophyllites (?) **Alamitosensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 15, Lám. XIII, fig. 2
Formation: Jurassic
Location: Mineral de Catorce, San Luis Potosi,, Mexico
— **calderoni** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 13, Lám. IX, fig. 3
Formation: Jurassic
Location: Mexico
— (?) **disputabile** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 14, Lám. XIV
Formation: Jurassic
Location: Sierra y Mineral de Catorce, Mexico
Rhizocrinus alabamensis (DeLoriol) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 39, pl. VII, figs. 4a–c
Formation: Cretaceous, Ripley
Location: Livingston, Alabama
— **cylindricus** (Weller) Clark and Twitchell

U. S. Geol. Sur. Mon. 54, 1915, p. 40, pl. VII, figs. 5a–g
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey
— **cylindricus** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p, 275, pl. VI, fig. 1
Formation: Cretaceous, Vincentown limestone
Location: Vincentown, New Jersey
Rhynchonella Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLVII, fig. 6 (no description)
Formation: Cretaceous
Location: Lake Valley and Burlington, New Mexico
— **æquiplicata** (Gabb) Smith *
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XCIV, figs. 9–11
Formation: Triassic
Location: Cinnabar district, East Range, Mexico
— **alteplecta** (Böckh) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XCIV, figs. 15, 16
Formation: Triassic
Location: Desatoya Mountains, Nevada
— **densleonis** n. sp. Anderson *
Proc. Cal. Acad. Sci., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 72, pl. VII, figs. 157, 158
Formation: Cretaceous, Horsetown
Location: California
— **gnathopora** (Meek) Stanton
U. S. Geol. Sur. Mon. 32. pt. 2, 1899, p. 609, pl. LXXII, figs. 1–4
Formation: Jurassic, Ellis
Location: Yellowstone National Park
— **lacunosa** var. **arolica** (Oppel.) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 1, Lám. I, figs. 1–25; Lám. II, figs. 1, 2
Formation: Jurassic
Location: Sierra de Catorce, Mexico
— **lingulata** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 147. pl. XCIV, figs. 6–8
Formation: Triassic
Location: West Humboldt Range, Nevada
— **magnicostata** n. sp. Burwash
Can. Roy. Soc. Proc. and Trans., ser. B, vol. 7, Sec. IV, 1914. p. 89, pl. III, fig. 9, a, b, c
Formation: Cretaceous
Location: Queen Charlotte Islands
— **myrina** (Hall and Whitfield) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 609, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park
— **non-sinuata** cf. **R. oplicatilis** n. sp. (Sowerby) Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. IV, 1914. p. 88, pl. III, figs. 8a, b

Formation: Cretaceous
Location: Queen Charlotte Islands

— **obesula** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 302, pl. XXXIX. figs. 3, 3a, 4
Formation: Cretaceous
Location: East end of Maud Island

— **orthidioides** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 303, pl. XXXIX, fig. 5
Formation: Cretaceous
Location: East end of Maud Island

— **schucherti** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 31, pl. I, figs. 1–4
Formation: Cretaceous, Knoxville beds.
Location: Paskenta, California.

— sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 420, no pl.
Formation: Lower Jurassic (upper Lias)
Location: Beaver Creek, Blue mountains, Oregon.

— sp. Lundgren.
Meddelelser om Grönland, vol. 19, 1895, p. 194, pl. III, fig. 3a,b,c.
Formation: Jurassic.
Location: Kap Stewart, East Greenland.

— sp. Lundgren.
Meddelelser om Grönland, vol. 19, 1895, p. 194, pl. III, fig. 2.
Formation: Jurassic
Location: Kap Stewart, east Greenland.

— sp. Lundgren.
Meddelelser om Grönland, vol. 19, 1895, p. 195.
Formation: Jurassic.
Location: Kap Stewart, east Greenland.

— sp. Madsen.
Meddelelser om Grönland, vol. 29, 1903, p. 173.
Formation: Jurassic
Location: Vardeklöft, Greenland.

— sp. Ravn.
Meddelelser om Grönland, vol. 45, 1911, p. 453.
Formation: Jurassic
Location: "Klöft I" on Store Koldewey Island, Greenland.

— sp. Ravn.
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 453.
Formation: Jurassic
Location: "Klöft I," Store Koldewey Island.

— **suciensis** n. sp. Whiteaves.
Can. Roy. Soc. Proc. and Trans. 2d ser., vol. 1, sec. 4, 1895, p. 119, pl. III, fig. 1.
Formation: Cretaceous.
Location: Sucia Island

— **suciensis** Whiteaves.
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 402, pl. LI, figs. 3, 3a, 4.
Formation: Cretaceous.
Location: Breman Creek; Departure Bay, Nanaimo, Vancouver Island; Tucker Bay; Lasqueti Island.

—**undulata** n. sp. Burwash
Can. Roy. Soc. Proc. and Trans. Ser. 3, vol. 7, Sec. IV, 1914, p. 87, pl. III, figs. 7a, b, c
Formation: Cretaceous
Location: Queen Charlotte Islands

—**whiteana** Anderson
Proc. Cal. Acad. Sci. 3d ser. Geol., vol. 2, No. 1, 1902, p. 72, pl. VII, figs. 160, 161
Formation: Cretaceous, Horsetown
Location: California

—**whitneyi** (Gabb) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 32, pl. I, figs. 5–10
Formation: Cretaceous, Knoxville beds
Location: Napa County, California

— sp. Stanton.
U. S. Geol. Sur. Bull. 133, 1895, p. 53, no pl.
Formation: Cretaceous, Knoxville beds
Location: California

Rhynchopterus obesus (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 145, pl. XVI, figs. 16, 17
Formation: Triassic
Location: West Humboldt Range; Desatoya mountains, Nevada

— ? **glaber** (Whiteaves) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **meekii** White
U. S. Geol. Sur. Bull. 128, 1895, p. 43, pl. V, figs. 6, 7.
Formation: Cretaceous, Bear River
Location: Idaho; Wyoming

— **priscus** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 43, pl. V, figs. 4, 5
Formation: Cretaceous, Bear River

Ricinula—see Sistrum

Ringicula (Deshayes) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 400, no pl.
Formation: Cretaceous
Location: Maryland

— **clarki** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 400, pl. XVIII, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland, etc.

— **dubia** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 47, pl. IX, figs. 9a, b
Formation: Cretaceous, Cannonball

Location: Heart River near Almont, N. Dakota; Heart River near Mandan, N. Dakota; near Flashee, N. Dakota; near Strain, N. Dakota

Rostellaria compacta n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 108, pl. XIII, figs. 18–21
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **compacta** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 108, pl. XIII, figs. 18–21
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks and Mullica Hill, New Jersey

— **curta** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 109, pl. XIII, figs. 9–13
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **curta** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 109, pl. XIII, figs. 9–13
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey

— **curta** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 721, pl. LXXXIII, figs. 9–13
Formation: Cretaceous, Navesink Marl
Location: New Jersey

— **fusiformis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 110, pl. XIII, figs. 14, 15
Formation: Cretaceous, Lower Green Marls
Location: New Jresey

— **fusiformis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 110, pl. XIII, figs. 14, 15
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, near New Egypt, New Jersey

— **fusiformis** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 722, pl. LXXXIII, figs. 16, 17
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **hebe** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 111 E, Plate XIV, figs. 11–13, 14?
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **hebe** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 111, pl. XIV, figs. 11–13, 14?
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill and Freehold, New Jersey

— **nobilis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 186, pl. XXIII, figs. 16, 17
Formation: Cretaceous, Upper Green Marls
Location: New Jersey

— **nobilis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 186, pl. XXIII, figs. 16, 17
Formation: Cretaceous, Upper Green Marls

Location: New Egypt, New Jersey
— **spirata** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 109, pl. XIII, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **spirata** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 109, pl. XIII, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: New Egypt and Upper Freehold, New Jersey
— ? **texana** (Conrad) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 201, Rept. U. S. and Mex. Bound. Sur., vol. 1, pt. 2, p. 158, pl. XIII, figs. 4a-b
Formation: Cretaceous, Achavica Arroyo, Fort Pierre Age
Location: New Mexico
— ? **texana** (Conrad) Johnson
Columbia Univ. Contr. Geol. Dept. Vol. 10, No. 90, 1903, p. 129
Formation: Cretaceous, Ft. Pierre
Location: Achavica Arroyo, New Mexico
Rostellites (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 83, no pl.
— (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 422, no pl.
— **ambigua** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 156, pl. XXXIII, figs. 8-10
Formation: Cretaceous, Pugnellus Sandstone
Location: Huerfano park, Colorado, and Rattlesnake butte, 20 miles above Pueblo, Colorado
— **ambigua** ? (Stanton) Logan
Kan. Univ. Gol. Sur., vol. 4, 1898, p. 461, pl. C, figs. 2-5
Formation: Cretaceous, Septaria horizon of Ft. Benton
Location: Kansas
— **ambigua** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 211, pl. XXIX, fig. 1
Formation: Cretaceous
Location: In cephalopod shales at foot of Fox Hills Division, Albuquerque, New Mexico
— cff. **ambigua** (Stanton) Johnson
School of Mines Quart., vol. 24, No. 1, 1903, p. 202, pl. I, fig.7
Formation: Cretaceous, Cerillos, Fort Benton age
Location: New Mexico
— cff. **ambigua** (Stanton) Johnson
Columbia Univ. Contr. Dept., Vol. 10, No. 90, 1903, p. 130, pl. 1, fig. 7
Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico
— **angulatus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 88, pl. XI, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Locatino: New Jersey

— **angulatus** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 88, pl. XI, figs. 3,4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **angulatus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 787, pl. XCVII, figs. 3,4
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **biconicus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 183, pl. XXIII, figs. 10, 11
Formation: Cretaceous, Upper Green Marls
Location: New Jersey
— **biconicus** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 183, pl. XXIII, figs. 10, 11
Formation: Cretaceous, Upper Green Marls
Location: Squankum and Farmingdale, New Jersey
— **biconicus** (Whitfield) Weller
Geol. Sur. of N. J. Pal., 1907, p. 788, pl. XCVII, figs 5-8
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **dalli** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 156, pl. XXXIII, figs. 11-13
Formation: Cretaceous, Pugnellus Sandstone
Location: Huerfano park, and on Arkansas River, 20 miles above Pueblo, Colorado
— **dalli** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 211 pl. XXIX, figs. 3-5; pl. XXXIII, fig. 8
Formation: Cretaceous
Location: In Sandstone above lignite east of San Francisco and monocline east of Island Mesa, New Mexico
— **dalli** var. **wellsi** n. var. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 202, pl. I, fig. 13
Formation: Cretaceous, Cerillos, Fort Benton age
Location: New Mexico
— **gabbi** (White) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 356. no pl.
Formation: Cretaceous
Location: Sucia Islands; Brennan creek, Vancouver Island; New Vancouver Coal Co's. mine; Nanaimo, Vancouver Island
— **gracillis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 157, pl. XXXIV, figs. 1-3
Formation: Cretaceous, Pugnellus Sandstone
Location: Near Malachite and in Poison canyon, Huerfano park, Colorado
— **gracillis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIV, figs. 1-3, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **jamesburgensis** (Weller) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 425, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey
— **marylandicus** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 424, pl. XV, fig. 1
Location: Maryland
— **nasutus** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 86, pl. XI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama
— **nasutus** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 86, pl. XI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: Freehold, Marlborough, Holmdel and Crosswicks, New Jersey
— **nasutus** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 786, pl. XCVII, figs. 1-2
Formation: Cretaceous, Merchantville clay-marl; Navesink marl
Location: New Jersey
— **nasutus** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 422, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Delaware; Maryland; New Jersey
— **pupoides** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 228, no pl.
Formation: Cretaceous, Alternating beds
Location: At Santa Monica Sulphur Springs, Travis County; on Blanco River above Blanco City, Texas
— ? **texturatus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 88, pl. XI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **texturatus** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 88, pl. XI, figs. 5,6
Formation: Cretaceous, Lower Green Marls
Location: Holmdel and Freehold, New Jersey
— **texturatus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 785, pl. XCVI, figs. 12, 13
Formation: Cretaceous, Merchantville clay-marl, Navesink marl
Location: New Jersey; Alabama; Mississippi
— **willistonii** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 461, pl. CXX, fig. 3
Formation: Cretaceous, Septaria horizon of Blue Hills shales
Location: William's Butte, Mitchell County, Kansas
Rotalia orbicularis (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 140
Formation: Cretaceous
Location: Timber Creek, N. J.
Roudairia denisonensis n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub. 1894, p. 57, no pl.
Formation: Cretaceous, Grayson marl

Location: Near Denison, Texas
— **quadrans** n. sp Cragin
Amer. Geol., vol. 14, 1894, p. 7, pl.I, figs. 14, 15
Formation: Cretaceous, Neocomian
Location: Near Belvidere, Kansas
Sageceras (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 97, no pl.
Formation: Triassic
— **gabbi** (Mosjsisovics) Hyatt and Smith
U. S. Geol., Prof. Paper 40, 1905, p. 97, pl. XXV, figs. 1-3; pl. LXXIV, figs. 8, 9; pl. LXXV, figs. 14,15
Formation: Triassic
Location: California
— **gabbi** (Mojsisovics) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 49, pl. VI, figs. 1-3; pl. XI, figs, 8,9; pl. XII, figs. 14,15; pl. XXI,figs. 18-20
Formation: Triassic
Location: West Humbolt Range, Nevada
Sagenites (Mojsisovics) Smith
Cal. Acad. Scl. Proc., 3d ser., vol. 1, 1904, p. 399, no pl.
Formation: Triassic, Karnic
— (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 37, no pl.
Formation: Triassic
— (Trachvsagenites) **herbichi** (Mojsisovics) Smith
Cal. Acad. Scl. Proc., 3d ser., vol. 1, 1904, p. 399, pl. XLVI, figs. 7, 8; pl. XLVII, figs. 5,6
Formation: Triassic, Karnic
Location: California
— Trachysagenites) **herbichi** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 39, pl. XXVI, figs. 1-2; pl. XXVII, figs. 1-4; pl. XXVIII, figs. 1-18
Formation: Triassic
Location: Shasta County, California
Salenia bellula (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 43, pl. XI, figs 2a-g
Formation: Cretaceous
Location: New Jersey
Salenia bellula (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 283, pl. VIII, figs. 11-17
Formation: Cretaceous, Vincentown limestone
Location: Vincentown, New Jersey
— **bellula** (Clark) Clark and Twichell
U. S. Geol. Sur., Mon. 54, 1915, p. 51, pl. XIII, figs. 2a-g
Formation: Cretaceous, Rancocas
Location: Timber creek, New Jersey
— **mexicana** (Shlüter) Böse
Inst.Geol. de México, Bol. 25, 1910, p. 152 Lám. XXXII, figs. 4-19
Formation: Vraconian
Location: Chihuahua, Mexico

— **mexicana** (Schleuter) Adkins and Winton
  Univ. of Texas Bull. No. 1945, 1919, p. 49, pl. IX, figs. 14-17
  Formation: Cretaceous, Goodland limestone
  Location: Fort Worth, Texas
— sp. Adkins
  Univ. of Texas Bull. No. 1856, 1919 p. 103 , no pl.
  Formation: Comanchean, Weno
  Location: Denison, Texas
— **texana** (Credner) Clark
  U. S. Geol, Sur., Bull. 97, 1893, p. 40, pl. X, figs. 1a-h
  Formation: Cretaceous, Comanchean, Washita
  Location: Texas
— **texana** (Credner) Cragin
  Texas Geol. Sur., 4th Ann. Rept., 1893, p. 163, no pl.
  Formation: Cretaceous, Fredricksburg and Washita Division
  Location: Bandera and other counties, Texas
— **texana** (Credner) Clark and Twichell
  U. S. Geol. Sur., Mon. 54, 1915, p. 49, pl. XII, figs 1a-i; pl. XIV, figs. 1a-c
  Formation: Cretaceous, Comanchean, Fredericksburg and Washita
  Location: Texas
— **tumidula** (Clark) Clark
  U. S. Geol. Sur., Bull. 97, 1893, p. 41, pl. XI, figs. 1a-j
  Formation: Cretaceous
  Location: New Jersey
— **tumidula** (Clark) Weller
  Geol. Sur. N. J. Pal. vol. 4, 1907, p. 282, pl. VIII, figs. 1-10
  Formation: Cretaceous, Vincentown limestone
  Location: New Jersey
— **tumidula** (Clark) Clark and Twitchell
  U. S. Geol. Sur., Mon. 54, 1915, p. 50, pl. XIII, figs 1a-j
  Formation: Cretaceous, Rancocas
  Location: Timber Creek, New Jersey
— **volana** n. sp. Whitney
  Bull. Amer. Pal., Vol. 5, No. 26, 1916, p. 4, pl.I, figs. 1-9
  Formation: Cretaceous, Buda
  Location: Austin and Manchaca, Texas
Sandlingites (Mojsisovics) gen. Hyatt and Smith
  U. S. Geol. Sur., Prof. Paper 40, 1905, p. 200, no pl.
  Formation: Triassic
Sandlingites andersoni n. sp. Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 200, pl. XLVII, figs. 10-12
  Formation: Triassic
  Location: Shasta County, California
Sauvagesia austinensis (Romer) sp. Toucas
  Mem. Pal. Geol. Soc. France, Tome 17, Fasicule 1, Mem, 36, 1909, p. 96, fig. 64
  Formation: Cretaceous
  Location: Texas
— sp. Boehm

Zeit. Deut. Geol. Gesell. 1898, vol. 50, p. 325
Formation: Cretaceous
Location: Sierra de la Boca bei Orizaba, Mexico

— **texana** (Romer) sp. Toucas
Mem. Pal. Geol. Soc. France, Tome 17, Fasicule 1, Mem. 36, 1909, p. 82, pl. XVI, fig. 1
Formation: Cretaceous
Location: New Braunfels, Texas

Scabrae (Agassiz) Packard
Oregon. Univ. Pub., vol. 1, No. 9, 1921, p. 23
Formation: Jurassic-Cretaceous

Scala? hercules (Whitfield) Weller
Geol. Sur. of New Jersey Pal. vol. 4, 1907, p. 695, pl. LXXVI, fig. 8
Formation: Cretaceous, Clifford clay
Location: New Jersey

— **sillmani** (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 672, pl. LXXVI, figs. 2, 3
Formation: Cretaceous, Merchantville clay-marl, Marshalltown clay-marl, Navesink marl, Red Bank sand, Tinton beds
Location: New Jersey, Alabama

Scalaria clementina (Michelin) ? Merriam
Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon

Scalaria clementina (Michelin) (d'Orbigny) Whiteaves
Geol. Sur. Can; Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 287, no pl.
Formation: Cretaceous
Location: Cumshewa Inlet of Queen Charlotte Islands

— **hercules** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 140, pl. XVIII, fig. 12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **hercules** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 140, pl. XVIII, fig. 12
Formation: Cretaceous, Lower Green Marls
Location: Cliffwood, New Jersey

— ? **pauperata** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 141, pl. XVIII, figs. 3-7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— ? **pauperata** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 121, pl. XVIII, figs. 3-7
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey

— **sillimani** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 138, pl. XVIII, fig.2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama

— **sillimani** (Morton)
U. S. Geol. Sur., Mon. 18, 1892, p. 138, pl. XVIII, fig. 2
Formation: Cretaceous

Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey

— (opalia) (Gabb) **Thomasi?** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 137, pl. XVIII, fig.1
Location: New Jersey

— (opalia) (Gabb) **Thomasi?** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 137, pl. XVIII, fig1
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

Scalpellum conradi (Gabb) Weller
Geol Sur. N. J. Pal., vol. 4, 1907, p. 845, pl. CX, fig. 10
Formation: Cretaceous, Vincentown limestone
Location: New Jersey

Scaphites aff. **auritus** (Schluter) Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 95, Lám. XXII, figs. 5-10
Formation: Cretaceous
Location: Cerrito de Zumpango del Rio, Mexico

— **condoni** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 111, pl. II, figs. 58-63
Formation: Cretaceous, Lower Chico
Location: Forty-nine Mine, Phoenix, Oregon.

— **condoni** var. **appressus** sp n. var. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 112, pl. II, figs. 64-66
Formation: Cretaceous
Location: California

— **conradi** (Morton) Gardner
Maryland Geol Sur., U. Cret., 1916, p. 383, pl. XII, fig. 1
Formation: Cretaceous, Monmouth, Ripley, Fox Hills
Location: Maryland; Alabama; Western Interior

— aff. Geinitzi (Jahn non (D' Orbigny) Schlüter) Burkhardt
Inst. Geol. de México, Bol. 33, 1919, p. 96, Lám. XXII, fig. 12
Formation: Cretaceous
Location: Cerrito de Zumpango del Rio, Mexico

— **gillisi** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., 1902, vol. 2, No. 1, p. 110, pl. III, figs. 85-88
Formation: Cretaceous
Location: Forty-nine Mine, Phoenix, Oregon

— **hilli** (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 79, pl. II, figs. 1-12
Formation: Cretaceous, Basal half of Pawpaw
Location: Tarrant County, Texas

— **hilli** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 37, pl. VII, figs. 3-6
Formation: Cretaceous, Pawpaw
Location: Fort Worth, Texas

— **hippocrepis** (DeKay) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 262, pl. XLIV, figs. 8-12
Formation: Cretaceous, Lower Green Marls

Location: New Jersey
— **hippocrepis** (DeKay) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 262, pl. XLIV, figs. 8-12
Formation: Cretaceous, Lower Green Marl beds
Location: Deep cut in Chesapeake and Delaware Canal, New Jersey
— **hippocrepis** (De Kay) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 826, pl. CVII, figs. 3-6
Formation: Cretaceous, Merchantville clay
— **hippocerpis** (DeKay) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 382, no pl.
Formation: Cretaceous, Matawan
Location: Maryland; New Jersey
— **inermis** n. sp. Anderson
Cal. Acad. Sci Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 113, pl. III, figs. 74-77
Formation: Cretaceous
Location: Smith ranch, Forty-nine Mine, Phoenix, Oregon.
— **iris** (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 265, pl. XLIV, figs. 4-7
Formation: Cretaceous
Location: New Jersey; Mississippi
— **iris** (Conrad) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 265, pl. XLIV, figs. 4-7
Formation: Cretaceous
Location: Tippah County, Mississippi
— **klamathensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 115, pl. III, figs. 78-81
Formation: Cretaceous
Location: Shasta Valley, south of Klamath River
— **larvaeformis** (Meek and Hayden) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 182, pl. XLIV, fig.2
Formation: Cretaceous, Fort Benton group
Location: Eastern base of Black Hills, S. Dakota
— **larvaeformis** (Meek and Hayden) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 473, pl. CIV, fig. 2
Formation: Cretaceous, Septaria horizons, Blue Hills shales
Location: Smoky Hill River and Saline River, Kansas
— **larvaeformis** (Meek and Hayden) Herrick and Johnson
Denison Univ. Sci Lab. Bull., 1900, vol. 11, art. 9, 1900, pl. XLV, figs. 2 (no description)
Formation: Cretaceous
Location: Near Albuquerque. New Mexico
— **mullanaus** (Meek and Hayden) Stanton
U. S. Geol. Sur Bull. 106, 1893, p. 187, pl. XLV, figs. 2-4
Formation: Cretaceous, Fort Benton group
Location:Chippewa point on upper Missouri, Montana
— **mullananus** (Meek and Hayden) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 477, pl. CV, figs. 2-4

Formation: Cretaceous, Blue Hills shales of Fort Benton
Location: Near Mankato, Kansas
— **mullananus** (Meek and Hayden) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLVI, figs. 2-4, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **nodosus** (Owen) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 261, pl. XLIV, figs 13, 14
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **nodosus** (Owen) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 261, pl. XLIV, figs. 13, 14
Formation: Cretaceous, Lower Green Marls
Location: Marlborough, New Jersey
— **nodosus** (Owen) Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-1896, pl. LXIII
Formation: Cretaceous, Tepee zone of Pierre shale
Location: East Colorado
— **nodosus** (Meek) Logan
Field Col. Mus. Geol. ser., vol 1, No. 6, 1899, pl. XXII, fig. 2; pl. XXIII, figs. 1-4, 6-12
Formation: Cretaceous, Fort Pierre
Location: Kansas
— **nodosus** (Owen) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 824, pl. CVIII, figs. 1-2
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Dakota; Montana; Kansas
— **nodosus** var. **brevis** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 511, pl. CVIII, fig. 3
Formation: Cretaceous, Fort Pierre shales
Location: Devil's Canyon, Cheyenne County
Scaphites (Parkinson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 381, no pl.
Formation: Cretaceous
— **purini** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 114, pl. II, figs. 71-73
Formation: Cretaceous
Location: Smith ranch, Phoenix, Oregon
— **reniformis** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 264, pl. XLIV, fig. 3
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **reniformis** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 264, pl. XLIV, fig. 3
Formation: Cretaceous, Lower Green Marl
Location: Grove Hill, near Bordentown, New Jersey
— **roguensis** n. sp. Anderson
Proc. Cal. Acad. Sci., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 112, pl. II, figs. 67-70

Formation: Cretaceous, Lower Chico Beds
Location: Forty-nine Mine, Phoenix, Oregon

— **septem – seriatus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 240, no pl.
Formation: Cretaceous, Eagle Ford shale
Location: Keenan's crossing of the Trinity River, Dallas County, Texas

— **similis** n. sp. Whitfield
Geol Sur. N. J., vol. 2, 1892, p. 267, pl. XLIV, figs. 1, 2
Formation: Cretaceous
Location: New Jersey; Delaware

— **similis** n. sp. Whitfield
U. S. Geol. Sur, Mon. 18, 1892, p. 267, pl. XLIV, figs. 1, 2
Formation: Cretaceous
Location: Deep cut of the Chesapeake and Delaware canal, Delaware

— sp. Shimer and Blodgett
Amer. Jour. Sci., 4th ser. vol. 25, 1908, p. 67
Formation: Cretaceous, Fort Benton
Location: New Mexico

— cfr. **teshioensis** (Yabe) Burkhardt
Inst. Geol. México, Bol. 33, 1919, p. 97, Lám. XXII, fig. 11
Formation: Cretaceous
Location: Camino de Zumpango Mezquititlan

— **varias formas del grupo del Scaphites Geinitzi d'Orb. in Shlüter Burckhardt**
Inst. Geol. México, Bol. 33, 1919, p. 94, Lám. XXII, figs. 1-4
Formation: Cretaceous
Location: Rancho de la Curtiduria, Cerrito de Zumpango del Rio, Mexico

— **ventricosus** (Meek and Hayden) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 186, pl. XLIV, figs. 8-10; pl. XLV, fig. 1
Formation: Cretaceous, Fort Benton shales
Location: Chipewa point on the Upper Missouri, Montana

— **ventricosus** (Meek and Hayden) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 476, pl. CIV, figs. 8-10
Formation: Cretaceous, Septaria horizon, Blue Hills shales
Location: William's Butte and Smoky Hill River, Kansas

— **ventricosus** (M. & H.) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 636, no pl.
Formation: Cretaceous, Colorado
Location: Yellowstone National Park

— **ventricosus** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9 1900, pl. XLV, figs. 8-10; pl. XLVI, fig. 1
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **vermiformis** (M. & H.) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 183, pl. XLIV, fig. 3
Formation: Cretaceous, Fort Benton group

Location: Chippewa point on upper Missouri, Montana
— **vermiformis** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 474, pl. CIV, fig. 3
Formation: Cretaceous, Septaria horizons of Blue Hills shales
Location: Kansas
— **vermiformis** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLV, fig. 3, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **warreni** (M. & H.) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 185, pl. XLIV, figs. 4-7
Formation: Cretaceous, Fort Benton shales
Location: Southern base of Black Hills of Dakota; Wyoming; Colorado; New Mexico; Utah
— **warrenii** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 475, pl. CIV, figs. 5-7
Formation: Cretaceous, Septaria horizon in Fort Benton group
Location: White Rock, Jewell County, Kansas
— **warreni** (Meek) Logan
Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, p. 210, pl. XXII, fig. 1; pl. XXIII, fig. 5
Formation: Cretaceous, Benton
Location: Kansas
— **warreni** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLV, figs. 4-7, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **warreni** (M. & H.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 215, (See Bull. U. S. Geol. Sur., No. 106, p. 185)
Formation: Cretaceous, Cerrillos, Fort Benton age
Location: New Mexico
— **warreni** (M. & H.) Johnson
Columbia Univ. Contr. Geol. vol. X, No. 90, 1903, p. 143
Formation: Fort Benton
Location: Cerrillos, New Mexico
— **worthensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 36, pl. VII, figs. 1-2
Formation: Cretaceous, Duck Creek
Location: Near Fort Worth, Texas
Scaphoideæ (Agassiz) Packard
Type Species: **Trigonia navis** (Lam.)
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 9, pl. I, fig. 9
Formation: Jurassic-Cretaceous
Schiosia ramosa (Bœhm sp.) Douvillé
Bull. Soc. Geol. France, 3 Serie, No. 28, 1900, p. 206, figs. 1a, 7
Formation: Cretaceous
Location: Mexico
Schizobasis n. gen. Wade

Phila Acad. Nat. Sci. Proc. vol. 68, 1916, p. 468
— **depressa** n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 68, 1916, p. 469, pl. XXIV, figs. 8, 9, 10
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
Schizodesma appressa (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 634, pl. LXXI, figs. 14-21
Formation: Cretaceous, Cliffwood Clay, Wenonah sand
Location: New Jersey; Georgia; Texas
Scobina n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 286
See Haplovoluta Wade
— **bicarinata** n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 287, pl. XVIII, figs. 1, 2
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
Seminola n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 290
— **crassa** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 291, pl. XIX, figs. 6, 7
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
— **solida** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 292, pl. XIX, figs. 1, 2
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
Schloenbachia acutocarinata (Shumard) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 32, pl. I, figs. 1-3
Formation: Cretaceous, Goodland, Kiamitia
Location: Texas
— aff. **acuto carinata** (Shum.) (Morcou) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 65, Lám. I, fig. 3; Lám. 2, figs. 1-3
Formation: Vraconian
Location: Cerro de Muleros
— **austinensis** (Rœmer) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 24, Taf. V, figs. 3, 4
Formation: Cretaceous
Location: Texas
— **austinensis** (Rœmer) var. nova minima Lasswitz
Geol. and. Pale. Abh. N. F. 6, Heft. 4, 1904, p. 25, Taf. VI (XVIII) fig. 1
Formation: Cretaceous
Location: Texas
— **bakeri** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., 1902, vol. 2, No. 1, p. 121, pl. II, figs. 26-33

Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; California
— **belknapi** (Marcou) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 33, pl. II, figs. 4, 5
Formation: Kiamitia
Location: North Texas
— cfr. **Belknapi** (Marcou) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 71, Lám. V, figs. 1-2; Lám. VI, figs. 1-3; Lám. VII, figs. 1, 2, 5
Formation: Vraconian and Lower Cenomanian
Location: Cerro de Muleros
— **blanfordiana Stol.** (?) Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 124, pl. I, figs. 5-10
Formation, Cretaceous, Lower Chico
Location: Phoenix, Oregon; California
— **Bourgeoisi** (de'Orb. emen. Gross) var. nova **americana** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, p. 32, 1904, Taf. VIII (XX), fig. 1
Formation: Cretaceous
Location: Texas
— **Bravoensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 69, Lám. III, fig. 6; Lám. IV, figs. 1-5
Formation: Vraconian
Location: Cerro de Muleros
— **Burckhardti** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 61, Lám. I, figs. 1, 2, 3, 4, 5
Formation Lower Cenomanian
Location: Cerro de Muleros, Mexico
— **buttensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 118, pl. IV, figs. 110, 111
Formation: Cretaceous, Upper Chico
Location: Butte County, California
— **chicoensis** (Trask) Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 116, pl. I, figs. 21-22; pl. II, figs. 23-25
Formation: Cretaceous, Upper Chico
Location: Sacramento Valley, California
— **Chihuahuensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 73, Lám. V, figs. 3-4; Lám. VII, figs. 3-4; Lám. VIII, figs. 1-2
Formation: Vraconian
Location: Chihuahua
— **dentato-carinata** (Rœmer) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 29, (no pl.)
Formation: Cretaceous
Location: Texas
— **Evæ** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 29, Taf. VIII (XX),

fig. 2
Formation: Cretaceous
Location: Texas
— **Frechi** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 28, Taf. VI (XVIII), fig. 6
Formation: Cretaceous
Location: Texas
— **Frechi** var. nova **curvata** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 28, Taf. VI (XVIII), fig. 7
Formation: Cretaceous
Location: Texas
— **gabbi** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 117, (no pl.)
Formation: Cretaceous
Location: California
— **Haberfellneri** (Hauer) Lasswitz
Geol. and Pale. Abh, N. F. 6, Heft. 4, 1904, p. 28, Taf. VIII (XX), fig.3
Formation: Cretaceous
Location: Texas
— af. **inflata** (Sowerby) Aguilera
Com. Geol. de México, Bol.1, 1895, p. 18, Lám. IX, fig.1
Formation: Jurassic,
Location: Minèral de Catorce, San Luis Postosí, Mexico
— **inflata** (Sowerby) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, p. 4, 1900, p. 273, no pl.
Formation: Cretaceous
Location: East end of Maude Island of Queen Charlotte Island
— **Kiliani** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 25 , Taf. VII (XIX), fig. 1, text fig. 6
Formation: Cretaceous
Location: Texas
— **knighteni** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 119, pl. I, figs. 1-4, pl. II, figs. 39-40
Formation: Cretaceous
— **leonensis** (Con.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 241, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Texas
— **leonensis** (Conrad) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 23, no pl.
Formation: Cretaceous
Location: Texas
— **leonensis** (?) (Conrad) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 34, pl. IV, figs. 4-5
Formation: Cretaceous, Fort Worth limestone

Location: North Texas
— **leonensis** (Conrad) n. var. **maxima** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 24, Taf. VI (XVIII), fig. 2, text fig.5
Formation: Cretaceous
Location: Texas
— **multicosta** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No 1, 1902, p. 120, pl. II, figs. 41-47
Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; Sacramento, California
—**nodosa** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p.75, Lám. VIII, figs. 11-12; Lám. IX, figs. 1-3
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **oregonensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., 1902, vol. 2, No1, p. 122, pl. II, figs. 48-57; pl. VI,fig. 144; pl. VII, fig. 149
Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; California
— **oregonensis** (Anderson) Anderson
Leland Stanford Jr. Univ. Pub. 1914, pl. XIII, figs. 16-21
Formation: Cretaceous
Location: Oregon
— **peruviana** (Von B.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 242, no pl.
Formation: Cretaceous
Location: Texas
— **propinqua** (Stol) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 123, pl. II, figs. 34-38
Formation: Cretaceous
Location: Pacific Coast
— **quattuornodosa** n. sp Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 31, Taf. VII (XIX), fig. 3, text fig. 7
Formation: Cretaceous
Location: Texas
— **quattuornodosa** n. var **planata** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 32, Taf. VII (XIX), fig. 4
Formation: Cretaceous
Location: Texas
— **quinquenodosa** Redtenbacher n. var. **minuta** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 31, Taf. VIII, (XX), fig. 4
Formation: Cretaceous
Location: Texas
— **Roemeri** n. sp. (Typus) Lasswitz
Geol. and Pale. Abh. NN F. 6, Heft. 4, 1904, p. 27, Taf. VI

(XVIII), fig. 3
Formation: Cretaceous
Location: Texas

— **roemeri** n. sp. var. **elegantior** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904 p. 28, Taf. VI (XVIII), fig. 5
Formation: Cretaceous
Location: Texas

— **roemeri** n. var. **harpax** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 27, Taf. VI (XVIII), fig. 4
Formation: Cretaceous
Location: Texas

— **sequens** (Gross) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 27, Taf, VI (XVIII), fig. 3
Formation: Cretaceous
Location: Texas

— **siskijouensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, pl. 119, pl. I, figs. 19-20
Formation: Cretaceous
Location: Pacific Coast

— n. sp. indt. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 74, Lám. VIII, figs. 3-10
Formation: Vraconian
Location: Chihuahua, Mexica

— n. sp. indt., Böse
Inst. Geol de México, Bol. 25, 1910, p. 68, Lám. III, figs. 1-5
Formation: Vraconian
Location: Cerro de Muleros

— **sp. I** (aff. inflata) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 33, pl. IV, figs. 1-3
Formation: Cretaceous, Duck Creek and Fort Worth
Location: North Texas

— sp. M. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 34, pl. V, figs. 1-4
Formation: Cretaceous, Weno

— **templetoni** n. sp. Hall and Ambrose
The Nautilus, vol. 30, No. 7. 1916, p. 78
Formation: Cretaceous, Upper Chico
Location: Between Altamont and Greenway, California

— **texana** (Roemer) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 30, Taf. VII, (XIX), fig. 2
Formation. Cretaceous
Location: Texas

— **trinodosa** (Böse) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 33. pl. III, figs. 1-3
Formation: Cretaceous, Duck Creek
Location: North Texas

— **trinodosa** Böse
Inst. Geol. de México, Bol. 25, 1910, p. 78, Lám. IX, fig. 4; Lám. X, figs. 1-4
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **wenoensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 89, pl. I, fig. 14
Formation: Cretaceous, Pawpaw
Location: Near Fort Worth, Texas
— **Whitei** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 63, Lám. figs. 6-9; Lám. XLVI, figs. 6-8
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **wintoni** n. sp. Adkins
Univ. of Texas Bull. No 1856, 1918, p. 90, pl. III, figs. 8-11
Formation: Cretaceous, Weno
Location: Near Gainesville, Texas
— **woolgari** (Mantell) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 243, no pl.
Formation: Cretaceous, Eagle Ford shales, Vola limestone
Location: On San Gabriel River in Williamson County about 1 mile below Towne's mill and about 6 miles below Georgetown, Texas
Schlüteria diaboloensis n. sp. Anderson
Cal. Acad. Sci. Proc. 3d ser. Geol., vol. 2, No. 1, 1902, p. 80, pl. III, figs. 105-106
Formation: Cretaceous, Chico
Location: Mount Diablo and low horizon of California
Scurria ? conformis n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 199, pl.I, fig. 8a, b
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico
— **? coniformis** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 127, pl. I, fig. 8a, b
Formation: Fort Benton
Location: Cerrillos, New Mexico
Scutellaster cretaceus (Cragin) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 67, no pl.
Formation: Cretaceous, Fox Hills sandstone
Location: Colorado Springs, Colorado
— **cretaceus** n. gen. and sp. Cragin
Amer. Geol., vol. 15, 1895, p. 90, no pl.
Formation: Cretaceous, Fox Hills division
Location: On east slope of Shooks Run, on Platte Ave., Colorado Springs, Colorado
Septifera sturgisensis n. sp Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 393, no pl.
Formation: Jurassic
Location: Black Hills
Serpula see **Diploconcha**

Serpula (Linne) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 745, no pl.
— **circularis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 307, pl. XIX, figs. 5,6,
Formation: Cretaceous, Marshalltown clay-marl
Location: Swedesboro, New Jersey
See Vermetus circularis Gardner Md. Geol. Sur. U. Cret.
— cf. **convoluta** (Goldfuss) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 453
Formation: Jurassic
Location: Store Koldeway Island
— cf. **convoluta** (Goldfuss) Ravn
Copenhagen Univ., Min. and Geol. Mus., Comm. Paleont. No. 10, 1911, p. 453
Formation: Jurassic
Location: Store Koldeway Island
— **gardialis** (Schlotheim) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 37, pl. II, figs. 5-6
Formation: Jurassic
Location: Malone, Texas
— **intrica** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 484, pl. C, fig. 1
Formation: Cretaceous, Ornithostoma beds on Smoky Hill River
Location: South of Grove City
— **intrica** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 53, pl. I, fig.1
Formation: Cretaceous
Location: Southeast of Paria, Utah
— **jonahensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 260, pl. XXIX, figs. 12-14
Formation: Cretaceous, Austin chalk, Ponderosa marl
Location: 2 miles below Jonah Postoffice, Williamson County, on San Gabriel River, Texas
— **markmani** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 263, pl. XIII, figs. 8, 9
Formation: Cretaceous, Pierre, Fossil Ridge
Location: 5-7 miles south of Fort Collins, Colorado
— **paluxiensis** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 21 , pl. I, figs. 4, 4a, 4b
Formation: Cretaceous, Basement horizon of Glen Rose
Location: Texas
— **plana** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 443, pl. CXIX, fig. 2
Formation: Cretaceous, upper shales of Fort Benton group
Location: Kansas
— **rotula** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 308, pl. XIX, figs. 8-10
Formation: Cretaceous, Vnicetown limesand
Location: Vincetown, New Jersey
— sp. Madsen

Meddelelser om Grönland, vol. 29, 1903, p. 173
Formation: Jurassic
Location: Aucella river, S. W. of Jameson's Land
— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 453
Formation: Jurassic
Location: "Trækpasset" Store Koldeway Island, Greeland
— sp. Ravn
Copenhagen Univ., Min. and Geol. Comm. Paleont., No. 10, 1911, p. 453
Formation: Jurassic
Location: "Trækpasset" Store Koldeway Island, Greeland
— sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 37, pl. II, fig. 4
Formation: Jurassic
Location: Malone, Texas
— **tenuicarinata** (M. &H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 53, pl. I, fig. 2
Formation: Cretaceous, Fort Benton group
Location: Mouth of Vermillion River, South Dakota, on the Missouri
— ? **tenuicarinata** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 484, pl. LXXXVI, fig.4
Formation: Cretaceous, Niobrara
Location: Kansas
— **trigonalis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 746, pl. XLVII, fig, 15
Formation: Cretaceous, Rancocas
Location: Delaware
— **whitfieldi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 308, pl. XIX, fig.2
Formation: Cretaceous, Navesink marl
Location: Crosswicks creek, New Jersey
— **whitfieldi** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 746, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
Serpulorbis (Sassi) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 482, no pl.
Formation: Cretaceous
? **Serpulorbis marylandica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 482, pl. XVII, figs. 8, 9
Formation: Cretaceous, Monmouth
Location: Prince George's County, Maryland
Serrifusus ? crosswickensis n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 63, pl. V, figs. 24-25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **crosswickensis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 63, pl. V, figs. 24, 25
Formation: Cretaceous, Lower Green Marls

Location: Crosswicks, New Jersey
Serrifusus (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 454. no pl.
Formation: Cretaceous
— **crosswickensis** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 761, pl. LXXXIX, figs. 14-17
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **(Lirofusus) nodocarinatus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 64, pl. V, figs. 22, 23
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Lirofusus) nodocarinatus** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 64, pl. V, figs. 22, 23
Formation: Cretaceous, Lower Green Marls
Location: Marlborough, New Jersey
— **nodocarinatus** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 760, pl. LXXXIX, fig. 13
Formation: Cretaceous, Navesink marl
Location: New Jersey
Serrifusus nodocarinatus (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 456, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
Shastites n. sbgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 180, no pl.
Formation: Triassic
Location: Shasta County, California
Sibiritidae (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 48
Formation: Triassic
Sibirites noetlingi n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 49, pl. IX, figs. 1-3
Formation: Triassic
Location: Inyo County, California
Sibyllites (Mojsisovics) gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 57, no pl.
Formation: Triassic
— **louderbacki** n. sp. Hyatt and Smith
U. S.Geol. Sur. Prof Paper 40, 1905, p. 58, pl. LXXIV, figs. 10-12
Formation: Triassic
Location: Nevada
Sigaretus costatus n. sp. Cooper
Cal. Acad. Sci. Proc. 2nd ser. vol. 6, 1896, p. 332, pl. XLVII, fig. 6
Formation: Cretaceous
Location: San Joaquin Mine, California
— **(Eunaticina) textiles** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 139, pl. XXX, figs. 5, 6
Formation: Cretaceous
Location: Upper Kanab valley, Utah
— **(Eunaticina)** textiles (Stanton) Herrick and Johnson

Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XLII, figs 5-6
Formation: Cretaceous
Location: New Mexico

Siliqua cretacea (Gabb) Weller
Geol. Sur. of N. J. Pal. vol. 4, 1907, p. 628, pl. LXXI, figs. 1-2
Formation: Navesink marl
Location: New Jersey

— **huerfanensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 114, pl. XXV, figs. 10-11
Formation: Cretaceous, Pugnellus sandstone
Location: On Williams Creek and other places in Huerfano park, Colorado; Coalville, Utah

— **huerfanensis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XL, figs. 10-11, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

Siliquaria pauperata n. sp. Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 149, pl. XVIII, figs. 26-28
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **pauperata** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 149, pl. XVIII, figs. 26-28
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **pauperata** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 705, pl. LXXXIX, figs. 18-20
Formation: Cretaceous, Navesink marl
Location: New Jersey

Simbirskites see **Olcostephanus**

— (Pavlow) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 41

— (Pavlow) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 128
Formation: Jurassic

— **mexicanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 129, Lám. XXXIV, figs. 18, 19, 21, 22
Formation: Jurassic, Upper Portlandian
Location: Cerro de las Liebres, Durango

— **mexicanus** (Burckhardt) Roig
Revista de Agr. Comercio y Trabajo año 2, No. 12, Habana, Cuba, 1919, p. 591, fig. 8
Formation: Jurassic
Location: Viñales, Cuba

— **mexicanus** (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 41, pl. IX, figs.. 1, 2
Formation: Jurassic, Portlandian
Location: Puerta del Ancón Laguna de Piedra

— sp. Roig
  Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 43, pl. IX, fig. 4
  Formation: Jurassic, Portlandian
  Location: Puerta del Ancón
Simoceras aguilerae n. sp. Burckhardt
  Inst. Geol. de México, Bol. 23, 1906, p. 25, Lám. VIII, figs. 1-4
  Formation: Jurassic, Kimeridgian
  Location: Mazapil, Mexico
— cfr. **doublieri** (d'Oorb. sp.) Burckhardt
  Inst. Geol. de México, Bol. 23, 1906, p. 27, Lám. VII, figs. 5-14
  Formation: Jurassic, Kimeridgian
  Location: Mazapil, Mexico
Simlotrochus (?) **Vancouverensis** Whiteaves
  Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 406, no pl.
  Formation: Cretaceous
  Location: Hornby Island
Siphonaria capuloides n. sp. Cooper
  Cal. State Min. Bureau Bull. 4, 1894, p. 47, pl. II, figs. 38-39
  Formation: Cretaceous
  Location: Point Loma, California
Sirenites (Mojsisovics) Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 198, no pl.
  Formation: Triassic
— **lawsoni** n. sp. Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 198, pl. XLVI, figs. 16-17; pl. XLVII, figs. 1-9
  Formation: Triassic
  Location: Shasta County, California
— **smithi** n. sp. Burckhardt
  Inst. Geol. de México, Bol. 21, 1905, p. 7, Lám. I, figs. 1a, b
  Formation: Upper Triassic
  Location: Puente del Ahogado, Zacatacas
Sistrum (Ricinula?) **cretaceum** n. sp. Cooper
  Cal. Acad. Sci. Proc., vol. 6, 1896, p. 330, pl. XLVII, figs. 12
  Formation: Cretaceous
  Location: Morley, Shasta County, California
Solariella see **Margarita**
Solariella (**radiatula?**) var. **occidentalis** Whiteaves
  Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 368, pl. XLV, figs. 5, 5a
  Formation: Cretaceous
  Location: Brennan Creek, Vancouver Island, Nanaimo River, Vancouver Island
Solarium (Lamarck) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 493, no pl.
— **chickasaense** n. sp. Cragin
  Col. Coll. Studies, 5th Ann. Pub. 1894, p. 63, no pl.
  Formation: Cretaceous, Comanche Peak limestone
  Location: Oaklahoma
— **monmouthensis** n. sp Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 494, pl. XIII, fig. 7

Formation: Cretaceous, Monmouth
Location: Prince George'sCounty, Maryland
Solecurtus (?) dubius n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 61, pl. X, figs. 4,5
Formation: Cretaceous, Knoxville beds
Location: Cottonwood creek, Tehama County, California
Solemya bilix (White) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 19, pl. I, figs. 1a and 1b
Formation: Cretaceous, Cannonball
Location: Manden, North Dakota
— ? **obscura** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 95, pl. XXI, fig. 8
Formation: Cretaceous, Pugnellus sandstone
Location: Poison canyon, Huerfano park, Colorado
— ? **obscura** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XXXVIII, fig. 8, (no description)
Formation: Cretaceous
Location: near Albuquerque, New Mexico
— ? **obscura** (Stanton) Shimer and Bodgett
Amer. Jour. Sci. 4th ser., vol. 25, 1908, p. 64
Formation: Cretaceous, Fort Benton or possibly Niobrara
Location: New Mexico
— **occidentalis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 55, pl. X, figs.2, 3
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California
? **Solen cuneatus** (Gabb) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 197, pl. I, fig.4
Formation: Cretaceous, Fort Pierre age
Location: Santa Rosa mountain, New Mexico
— **cuneatus** (Gabb) Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 125, pl. I, fig. 4
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa mountain, New Mexico
Solenoceras see **Ptychoceras**
— (Conrad) Whitfield
Geol. Sur. N. J., vol. 2. 1892, p. 271, no pl.
— (Conrad) Whitfield
U. S. Geol. Sur., Mon 18, 1892, p. 271, no pl.
Solyma (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 701, no pl.
— **lineolata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 629, pl. LXXI, figs. 3-6
Formation: Cretaceous, Cliffwood clay, Merchantville clay-marl, Woodbury clay, Wenonah sand, Red Bank sands
Location: New Jersey; Georgia
— **lineolata** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 701, pl. XXXVI, figs. 20, 21
Formation: Cretaceous, Magothy, Matawan

Location: Maryland; New Jersey; District of Columbia

Sonneratia acuto-carinata (Shum.)(bei **Marcou nach** Stienman) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 20, Taf. V (XVII), fig. 1
Formation: Cretaceous
Location: Texas

— **acuto-carinata** (Shum. Typus) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 21, Taf. V (XVII), fig. 1
Formation: Cretaceous
Location: Texas

— **acuto-carinata** (Shum.)(var. **multifida** Steinman) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 22, Taf. V (XVII), fig. 2
Formation: Cretaceous
Location: Texas

— **rogersi** n. sp. Hall and Ambrose
Nautilus, vol. 30, No. 6, p. 69
Formation: Cretaceous, Horsetown
Location: Carnegie, California

— **stantoni** n. sp. Anderson
Cal. Acad. Sci. Proc. 3d ser. Geol., vol. 2, No. 1, 1902, p. 105, pl. III, figs. 91-93; pl. X, fig. 198
Formation: Cretaceous, Horsetown
Location: Shasta County, California

Supani n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 22, Taf. IV (XVI), fig. 3
Formation: Cretaceous
Location: Texas

Sowerbyceras inflatum n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1812, p. 43, Lám. VIII, figs. 7-16
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **pompeckji** n.sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 45, Lám. IX, figs. 1-5, 11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

Sphaerium formosum (Meek andHayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **planum** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **recticardinale** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

Sphaerucaprina Felixi n. sp. Boehm
Zeit. Duet. Geol. Gesell., vol. 50, 1898, p. 329, fig. 6
Locatity: Cerro Escamelo bei Orizaba Mexico
Lenki n. sp.
Zeit. Duet. Geol. Gesell., vol. 50, 1898, p. 330, fig. 7
Formation: Cretaceous
Locatity: Cerro Escumela bei Orizaba Mexico
-- **occidentalis** (Con.) Boehm
Zeit. Duet. Geol. Gesell., vol. 50, 1898, p. 324, fig. 1
Formation: Cretaceous
Locatity: Sierra de la Boca del Abra Mexico
— sp. Boehm
Zeit. Duet. Geol. Gessell., vol. 50, 1898, p. 330, fig. 8
Formation: Cretaceous
Locatity: Cerro Escamla bei Orizaba
Sphenodiscus see **Ammonites**
— (Meek) Hyatt
U. S. Geal. Sur. Mon. vol. 44, 1903, p. 58, no pl.
Formation: Cretaceous
— (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 388, no pl.
— **beecheri** n. sp. Hyatt
U. S. Geol. Sur., Mon. vol. 44, 1903, p. 78, pl. VI, figs. 3, 4; pl. IX, fig. 10
Formation: Cretaceous
Location: Fox Hills, South Dakota
— **belviderensis** (Crag.) Cragin
Colo. Coll. Studies, vol. 8, 1900, p. 27, no pl.
Formation: Cretaceous
Location: Texas; Kansas
— **belvidernsis** var. **clavatus** Cragin
Colo. Coll. Studies, vol. 8, 1900, p. 30, pl. II, figs. 1-3
Formation: Cretaceous, Comanche Peak limestone
Location: Tarrant County, Texas
— **belviderensis** var. **mentorianus** Cragin
Colo. Coll. Studies, vol. 8, 1900, p. 31, pl. I, figs. 6,7
Formation: Cretaceous, Mentor beds
Location: Brookville, Kansas
— **beleviderensis** var. **mons-comancheanus** Cragin
Colo. Coll. Studies, vol. 8, 1900, p. 29, pl. I, fig. 5
Formation: Cretaceous, Comanche Peak limestone
Location: Tarrant County, Texas
— **belviderensis** var. **serpentinus** Cragin
Colo. Coll. Studies, vol. 8, 1900, p. 31, pl. II, figs. 4-6
Formation: Cretaceous, Pawpaw clays
Location: Denison, Texas
— **belviderensis** var. **uddeni** Cragin
Colo. Coll. Studies, vol. 8, 1900, p. 30, pl. I figs. 3, 4
Formation: Cretaceous, Kiowa shale
Location: Kansas
— **dumblii** n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 243, pl. XLIV, fig. 6
Formation: Cretaceous, Eagle Ford shales
Location: On Hackberry Creek and at Keenan's crossing of the Trinity River in Dallas County, Texas

— **emarginatus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 245, no pl.
Formation: Cretaceous
Location: 2 miles south of Mount Pleasant, Texas

— **hilli** Hyatt
Leland Stanford Junior Univ. Pub. 1914, p. 1-30, pl. X, fig. 11
Formation: Cretaceous
Location: Texas

— **lenticularis** (Owen) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 258, pl. XLI, figs. 8, 9
Formation: Cretaceous, Middle Marls
Location: New Jersey

— **lenticularis** (Owen) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 258, pl. XLI, figs. 8,9
Formation: Cretaceous, Middle Marls
Location: Tinton Falls, New Jersey

— **lenticularis** (Owen) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 245, no pl.
Formation: Cretaceous, Escondido?
Location: Texas

— **lenticulare** (Owen) sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 213, no pl.
Formation: Cretaceous
Location: Rio Puerco Valley, New Mexico

— **lenticularis** (Owen) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 71, pl. VIII, figs. 1, 2; pl. IX, figs. 1-6
Formation: Cretaceous
Location: Moreau River, South Dakota; Rock Creek, Wyoming

— **lenticularis** (Owen) Böse
Inst. Geol. de México, Bol. 30, 1914, p. 20, Lám. I, figs. 2-5
Formation: Upper Senonian
Location: Coahuila

— **lenticularis** var. **mississippiensis** Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 77, pl. IX, figs. 7-9
Formation: Cretaceous
Location: Mississippi; South Carolina

— **lenticularis** var. **splendens** Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 75, pl. VIII, figs. 3-7
Formation: Cretaceous, Fox Hills group
Location: South Dakota

— **lobatus** (Toumey) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 388, pl. XIII, fig. 10
Formation: Cretaceous, Monmouth, Ripley, Fox Hills
Location: Maryland; New Jersey; Mississippi; Western Interior

— **lobatus** (Toumey) Weller
Geol. Sur. of N. J. Pal. vol. 4, 1907, p. 828, pl. CVI, figs. 1-2

Formation: Cretaceous, Tinton beds
Location: New Jersey; Alabama; Mississippi

— **lobatus** (Toumey) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 66, pl. VI, figs. 1, 2; pl. VII, figs. 1, 2; pl. IX, figs. 11-13
Formation: Cretaceous, Ripley group
Location: New Jersey and Mississippi

— **pleurisepta** (Conrad) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 59, pl. III, figs. 7-15; pl.IV, fig. ; pl. V, figs. 1-3; pl. VI, fig.6
Formation: Cretaceous
Location: Laredo, Rio Pecos, and Eagle Pass, Texas

— **pleurisepta** (Conrad) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 11 Taf. II (XIV), fig. 3
Formation: Cretaceous
Location: Texas

— **roemeri** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 245, pl. XLVI, fig. 1
Formation: Cretaceous, Alternating beds
Location: On Bosque River at Iredell, Bosque County, Texas

— **stantoni** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 70, pl. V, fig. 4; pl. VI, fig. 5
Formation: Cretaceous
Location: Eagle Pass, Texas

Spiriferina alia (Hall and Whitfield) Smith
U. S. Geol. Sur. Prof. Paper. 83, 1914, p. 147, pl. XCIV, fig. 1
Formation: Triassic
Location: Pahute Range (East Range), Nevada

— **homfrayi** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 147, pl. XCIV, figs. 12, 14
Formation: Triassic
Location: West Humboldt Range, East Range and Desatoya mountains, Nevada

Spiroplecta americania (Ehrenberg) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 31, pl. C, figs. 12-14
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois

— **americana**(Ehrenberg) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 96,
Formation: Cretaceous
Location: Timber Creek, New Jersey

Spiropora calamus (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 324, pl. XXII, fig. 10
Formation: Cretaceous, Vincentown limestone
Location: Timber Creek, New Jersey

Spirobis inexpectatus n. sp. Warner
Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 36, pl. III, fig. 3
Formation: Triassic
Location: Little Conewago Creek, York County, Penn.

Spisula ashburnerii (Gabb) Packard

Univ. Cal. Dept. Geol. Bull., vol. 9, 1916, p. 298, pl. XXVI, figs. 4, 5
Formation: Cretaceous, Horsetown, Chico
Location: Butte County, California

— (Cymbophora) **berryi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 708, pl. XLIII, figs. 2, 3
Formation: Cretaceous, Monmouth
Location: Maryland

— **chicoensis** n. name Packard
Univ. Cal. Pub. Dept. Geol. Bull., vol. 9, 1916, p. 300, pl. XXVII, figs. 6, 7
Formation: Cretaceous, Chico
Location: California

— **gabbiana** (Anderson) Packard
Univ. Cal. Pub. Dept. Geol. Bull., vol. 9, 1916, p. 229, pl. XXVII, fig. 2
Formation: Cretaceous, Chico
Location: California

— (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916,p. 706, no pl.
Formation: Cretaceous
Location: Maryland

— (Cymbophora) **wordeni** n. sp. Gardenr
Maryland Geol. Sur., U. Cret., 1916, p. 709, pl.XLIII, figs. 4, 5
Formation: Cretaceous, Monmouth
Location: Maryland

Spiticeras (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 172, no pl.
Formation: Cretaceous
Location: Mexico

— **binodum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 176, Lám. XLII, figs. 6-9, 11-31; Lám. XLIII, fig. 15
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

— **laeve** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 182, Lám. XLIII, figs. 17-22, 24-27
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

— cfr. Negreli (Toucas) sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 175, Lám. XLIII, figs. 1, 3, 6, 8
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

serpentinum n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 180, Lám. XLIII, figs. 7, 9, 10, 13, 16,
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango

— n. sp. indt. Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 179, Lám. XLIII, figs. 3-5, 23
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
— juv. sp. indt. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 178, Lám XLII, fig. 10; Lám. XLIII, fig. 14
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
— **uhligi** n. sp Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 173, Lám. XLI, fig. 5; Lám. XLII, figs. 1, 3-5
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
Spondylus cragini n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 13, pl. II, figs. 7, 8
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas
— **cragini** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 13, pl. II, figs. 7, 8
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas
—. **fragilis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 35, pl. II, fig. 3
Formation: Cretaceous, Knoxville beds
Location: Cottonwood Creek, Tehama County, California
— **gregalis** (Morton) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 486, pl. LIII, figs. 1-3
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **hilli** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 211, pl. XXXIII, figs. 1-3
Formation: Cretaceous, Fort Worth limestone
Location: About 1½ miles east of Georgetown on the San Gabriel River, Texas
— (sp. uncertain) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 400, no pl.
Formation: Cretaceous
Location: Extention mine near Nanamio, Vancouver Island
— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 20, pl. VIII, figs. 1-3
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas
— **texanus** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 14, pl. II, figs. 1-3
Formation: Cretaceous, Buda limestone
Location: 30th street, Shoal Creek, Austin, Texas
— **texanus** n. sp Whitney
Univ. of Texas Bull. 184, 1911, p. 14, pl. II, figs. 1-3
Formation: Cretaceous, Buda

Location: Shoal Creek, Austin
Squama n. gen. Logan
Kans. Univ. Geol. Sur., vol. 4, 1898, p. 499, no fig.
— **lata** n. sp. Logan
Kans. Univ. Quart., vol. 6, 1897, No. 4, Oct., series A, p. 188
Formation: Upper Cretaceous, Niobrara
Location: Trego County, Kansas
— **lata** Logan
Kans. Univ. Geol. Sur., vol. 4, 1898, p. 500, pl. CX, fig. 4
Formation: Cretaceous, Upper Niobrara
Location: Trego County, Kansas
— **spissa** n. sp. Logan
Kan. Univ. Quart., vol. 6, 1897, No. 4, Oct., ser. A, p. 187
Formation: Cretaceous, Niobrara
Location: Jewell County, Kansas
— **spissa** Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 500, pl. CX, fig. 3
Formation: Cretaceous, Ornithostoma beds
Location: Jewell County
Stantonites n. subgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 185, no pl.
Formation: Triassic
Location: Shasta County, California
Stantonoceras n. gen. **(Genotype S pseudocostatum)** Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 208
— n. gen. Johnson
Columbia Univ. Cont. Geol. Dept., vol. 10, No. 90, 1903, p. 136
? **Stantonceras guadaloupæ** (Rœmer) sp. ? Johnson
School of Mines Quart., vol. 24, No.2, 1903, p. 209, See Rœmer, 1852, Kreide V, Tex., p. 32, pl. II, figs. 1a, b, c
Formation: Cretaceous: Fort Pierre age
Location: Madrid, New Mexico
Stantonoceras quadaloupæ (Rœmer) sp. Johnson
Columbia Univ. Contr. Geol. vol 10, No. 90, 1903, p. 137
Formation: Fort Pierre
Location: Madrid, New Mexico
— **pseudocostatum** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 209, pl. X, figs. 29, a; pl. XI, figs. 29, b, c
Formation: Cretaceous
Location: Waldo, New Mexico
— **pseudocostatum** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 137, pl. X, fig. 29a; pl. XI, figs. 29b, c
Formation: Cretaceous
Location: Waldo, New Mexico
Stauractinella ? sp. Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 19, fig. 34
Formation: Cretaceous, Flint
Location: Texas

Steueroceras Cossmann emend nob. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 163
Formation: Jurassic-Cretaceous
Steueroceras durangense n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 168, Lám. XL, figs. 5, 7-10
Formation: Jurassic-Cretaceous transition beds
Location: Sierrita, Durango
— **lamellicostatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 167, Lám. XL, figs. 1-4, 6
Formation: Jurassic- Cretaceous transition stage
Location: Sierrita, Durango
— **nicoloense** n. sp. Whiteaves
Ottawa Naturalist, vol. 23, No. 2, 1909, p. 21, pl. I
Formation: Jurassic ?
Location: Nicola Valley, B. C.
— **varies especies indeterminadas** Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 57, Lám. XX, figs. 4-9, Lám. XXI, figs. 1, 2
Formation: Jurassic
Location: Torres, Ramirez Mexico
Stiboriopsis n. gen. Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899, p. 237, pl. XXXVIII, fig. 4
Formation: Cretaceous, Blue Mountain series
— **jamaicænsis** n. sp. Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899, p. 238, pl. XXXVIII, figs. 2-4
Formation: Cretaceous, Blue Mountain series
Location: Carigie Parish, Jamaica
Stoliczkia dispar (d'Orb.) (Stoliczka) Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol. vol. 2, No. 1, 1902, p. 106, no pl.
Formation: Cretaceous, Horsetown beds
Location: Cottonwood Creek, Shasta County, California
— ex aff. **dispar** (d'Orb.) Lasswitz
Geol. and Palc. Abh. N. F. 6, Heft. 4, 1904, p. 19, Taf. IV [XVI], figs. 1, 2
Formation: Cretaceous
Location: Texas
Stomatia intermedia n. sp. Cooper
Cal. State Mining Bureau Bull. No. 4, 1894, p. 46, pl. III, fig. 43
Formation: Cretaceous
Location: Point Loma, San Diego
Stomatopora kümmeli n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 314, pl. XX, fig. 4
Formation: Cretaceous, Vincentown limestone
Location: Vincentown, New Jersey
Stomatopora kümmeli (Ulrich and Bassler) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 737, pl. XLVI, fig. 10
Formation: Cretaceous, Rancocas
Location: Delaware
— **regularis** (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 313, pl. XX, figs. 1-3
Formation: Cretaceous, Vincentown limestone
Location: Vincentown, New Jersey

— regularis (Gabb and Horn) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 736, pl. XLVI, fig. 11
Formation: Cretaceous, Rancocas
Location: Delaware; New Jersey

— **temnichorda** (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 314, pl. XX, figs. 5-6
Formation: Cretaceous, Vincentown limestone
Location: Vincentown, New Jersey

Stomechinus hyatti (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 56, pl. XXIII, figs. 1a-e
Formation: Jurassic
Location: California

— **hyatti** (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 33, pl. V, figs. 2a-e
Formation: Jurassic, Monnon sandstone
Location: Plumas County, California

Stramentum n. gen. Logan
Kan. Univ. Quart., vol. 6, 1897, p. 188

— **haworthi** (Williston) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 498, pl. CXI
Formation: Cretaceous
Location: In yellow chalk near Gove City, Gove County

See **Pollicipes haworthii** Williston
Kan. Univ. Geol. Sur., vol. 2, 1896, p. 243, pl. XXXVI

— **haworthi** n. sp. Logan
Kan. Univ. Quart., vol. 6, 1897, No. 4, Oct. ser. A, p. 188
Formation: Cretaceous, Niobrara
Location: Gove county, Kansas

— **tabulatum** n, sp. Logan
Kan. Univ. Quart., vol. 6, 1897, No. 4, Oct. ser. A, p. 189
Formation: Cretaceous, Niobrara
Location: Smoky Hill River, Kansas

— **tabulatum** Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 499, no pl.
Formation: Cretaceous, Niobrara chalk
Location: Smoky Hill River, Kansas

Streblites (Hyatt) (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 51

— **auriculatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 68, Lám. XV, figs. 18-21
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **complanatus** n. sp. Burckhadrt
Inst. Geol. de México, Bol. 29, 1912, p. 55, Lám. XII, figs. 4, 7-9
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango

— **durangensis** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 66, Lám. XV, figs. 7-11, 17

Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **fasciger** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 62, Lám. XII, fig. 6; Lám. XIII, figs. 9-12
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **mexicanspictus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 60, Lám. XIV, figs. 2, 3, 5, 6
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **nanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 65, Lám. XV, figs. 15, 16, 22-24
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **pedroanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 59, Lám. XIII, figs. 1-8; Lám. XIV, figs. 1,4
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **pseudonimbatus** n. su. Buckhardt
Inst. Geol. de Máxico, Bol. 29, 1912, p. 67, Lám, XV, figs. 4, 12-14
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **serratus** n. sp. Burckhardt
Inst. Geol. de Máxico, Bol. 29, 1912, p. 63, Lám. XV, figs. 1-3, 5-6
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **sparsiplicatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 56, Lám. XII, figs. 1-3, 5, 10, 11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **striatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 57, Lám. XI, figs. 5, 13-16
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
— **uhligi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 52, Lám. XI, figs. 1-4, 6-12
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
Surcula (H. and A.) (Adams) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 419, no pl.
Formation: Cretaceous
— **amica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 420, pl. XIV, figs. 8, 9
Formation: Cretaceous, Monmouth
Location: Maryland
— **crenatospira** n. sp. Cooper
Cal. State Min. Bur. Bull. No. 4, 1894, p. 39, pl. I, figs. 2-4

Formation: Cretaceous, Marysville Buttes
Location: California
— (**raricosta** ? var.) **Hornbyensis** Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 355, no pl.
Formation: Cretaceous
Location: Hornby Island
— **incostans** n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 40, pl.II, figs. 21, 21
Formation: Cretaceous
Location: California
— **monilifera** n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 39, pl. II, figs. 28, 29
Formation: Cretaceous
Location: Marysville Butte, California
— **strigosa** (Gabb) Whitfield
Geol. Sur. N. J. Pal., vol. 2, 1892, p. 105, pl. XIII, fig. 1
Formation: Cretaeous, Lower Marl Beds
Location: Holmdel, New Jersey
— **strigosa** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 105, pl. XIII, fig. 1
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
Sycodes glaber (Shumard) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 357, no pl.
Formation: Cretaceous
Location: Vancouver Island; Sucia Islands
Page 775a on
Tancredia axiniformis (Phillips sp.) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 475, pl. XXXV, fig. 1
Formation: Jurassic
Location: "Klöft I" Store Koldewey Island; "4 Saenkning" Store Koldewey; Island Hochstetter's Foreland
— **axiniformis** (Phillips sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 475, pl. XXXV, fig. 1
Formation: Jurassic
Location: "Klöft I" Store Koldewey Island; "4 Saenkning" Store Koldewey; Island Hochstetter's Foreland
— **bulboso** (Whitfield) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 122, pl. XXVIII, figs. 11, 12
Formation: Jurassic
Location: Freeze-out Hills, Wyoming
— **curtansata** (Phillips sp.) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 474,
Formation: Jurassic
Location: "4 Sænkning" Store Koldewey Island
— **curtansata** (Phillips sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 474
Formation: Jurassic
Location: "4 Sænkning" Store Koldewey Island

— **elongata** n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 206, pl. IV, fig. 26a.
Formation: Jurassic
Location: Kap Stewart, East Greeland

— **Jarneri** n. sp Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 475, pl. XXXV, fig. 3
Formation: Jurassic
Location: "Klöft II" Store Koldewey Island; "4 Sænkning' Store Koldewey Island; Hochstetter's Foreland

— **Jarneri** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, pl. XXXV, fig. 3
Formation: Jurassic
Location: "Klöft II" Store Koldewey Island; "4 Sænkning" Store Koldewey Island

— ? **knowltoni** n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 621, pl. LXXIII, fig, 6
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **magna** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 123, pl. XXX, fig. 1
Formation: Jurassic
Location: Freeze-out Hills

— **planata** (Morris and Lycett) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 474, pl. XXXIII, fig. 10
Formation: Jurassic
Location: "Klöft I" Store Koldewey Island; "4 Sænkning" Store Koldewey Island

— **planata** (Morris and Lycett) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No 10, 1911, p. 474, pl. XXXIII, fig. 10
Formation: Jurassic
Location: "Klöft I" Store Koldewey Island; "4 Sænkning' Store Koldewey Island

— sp. cf. **angulata** Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 184, pl. VI, fig. 18
Formation: Jurassic
Location: Mt. Nathorst, Greenland

— sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 185, pl. VI, fig. 19
Formation: Jurassic
Location: Aucella River, Jameson's Land

— **transversa** n. sp. Whitfield and Hovey
Location: Aucella River, Jameson's Land
Formation: Jurassic
Location: Black Hills

Tapes Aldamensi n. sp Böse
Inst. Geol. de México, Bol. 25, 1910, p. 134, Lám. XXVIII, figs. 23-24
Formation: Vraconian
Location: Chihuahua

— **austinensis** n. sp. Whitney
Univ. of Texas Bull. No. 184, 1911, p. 19, pl. VII, figs. 8, 9
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin
— **austinensis** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 19, pl. VII, figs. 8, 9
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas
— **belviderensis** n. sp. Cragin
Amer. Geol. vol. 14, 1894, p. 7, pl. I, figs. 12, 13
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
— **Chihuahuensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 135, Lám. XXVIII, figs. 18-22
Formation: Vraconian
Location: Chihuahua
— ? **cuneovatus** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 79, pl. XIII, fig. 13
Formation: Jurassic
Location: Malone, Texas
— **cyrimeriformis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 106, pl. XXIV, figs. 1-6
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano park, Colorado; and Coalville, Utah
— **cyrimeriformis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XXXII, figs. 6, 7
Formation: Cretaceous
Location: Valley east of Prieta mesa, New Mexico
— **Guadalupæ** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 135, Lám. XXVIII, fig. 25; Lám. XXIX, fig. 11
Formation: Vraconian
Location: Chihuahua
— **Whitei** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 133, Lám. XXVIII, figs. 13-15
Formation: Vraconian
Location: Chihuahua
Tardeceras n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 44, no pl.
Tardeceras parvum n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 44, pl. LXXIX, figs. 11-20
Formation: Triassic
Location: Shasta County, California
Tectaplica n. gen. Wade
Phila. Acad. Nat. Sci. Proc. 1916, vol. 68, p. 457
— **simplica** n. sp. Wade
Phila. Acad. Nat. Sci. Proc. 1916, vol. 68, p. 457, pl. XXIII, fig. 4

Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.

Tellina (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 691, no pl.

— **dowlingi** n. sp. McLearn
Can. Dept. Min. Mus. Bull. 29, 1919, p. 12, pl. V, figs. 3, 4, 5, 6
Formation: Cretaceous—Peace River formation, Clear Water formation
Location: Peace River; Athabaska River; Alberta

— **dunveganensis** n. sp. McLearn
Canadian Field Nat., vol. 34, No. 3, 1920, p. 55, figs. 2, 4
Formation: Cretaceous—Dunvegan formation
Location: Peace River, Athabaska River; Alberta

— **equilateralis** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. II, art, 9, 1900, p. 206,

— **(Arcopagia) gabbi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 694, pl. XLII, fig. 2
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; Georgia

— **(Arcopagia) georgiana** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 692, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Maryland; New Jersey; Georgia

— **georgiana** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 615, pl. LXX, figs. 1-3
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Georgia

— **hoffmanniana** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept. pt. 1, 1896, p. 1033, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California

— ? **isonema** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 113, pl. XXV, fig. 8
Formation: Cretaceous
Location: East Canyon Creek, Wasatch Range, Utah; Coalville, Utah

— **isonema** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XL, fig. 8 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **modesta** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 111, pl. XXV, fig. 3
Formation: Cretaceous
Location: East Canyon Creek, Wasatch Range, Utah; Coalville, Utah

— **modesta** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XL, fig. 3, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **nanaimoensis** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 376, pl. XLVI, fig. 3
Formation: Cretaceous
Location: Nanaimo River, Vancouver Island

— **occidentalis** (Whiteaves) Whiteaves
Geol. Sur. Can. Meozoic Fossils, vol. 1, pt. 5, 1903, p. 376, no pl.
Formation: Cretaceous
Location: Vancouver Island

— **(Mœra) peaceriverensis** n. sp. McLearn
Canadian Field Nat. vol. 34, No. 3, 1920, p. 55, figs. 5, 6
Formation: Cretaceous, Dunvegan formation
Locatity: Peace River, Alberta

— ? **perlata** n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 206, pl. XXXII, fig. 5
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— **skidegatensis** (Whiteaves) Merriam
Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon

— sp., Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 112, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **subæqualis** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub. 1894, p. 60, no pl.
Formation: Cretaceous, Pawpaw clays
Location: Near Denison, Texas

— ? **subalata** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, fig. 9, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

— ? **subalata** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 113, pl. XXV, fig. 9
Formation: Cretaceous, Montana ?
Location: East Canyon Creek, Wastch Range, Utah; Coalville, Utah

— **tenuistriata** n. sp. Davis
Journal Geol. vol. 21, 1913, p. 457, fig. 7
Formation: Jurassic, Slate's Springs (Francisican) Lower Temblor
Location: California

— **(Palæomœra ?) whitei** Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 112, pl. XXV, figs. 4-7
Formation: Cretaceous, Pugnellus sandstone
Location: On Williams Creek, Huerfano Creek, Colorado

— **(Palæomœra) whitei** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, (no description)
Formation: Cretaceous

Location: Near Albuquerque, New Mexico
Tellinimera (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 695, no pl.
— **eborea** (Conrad) Weller
Geol. Sur. N. J.,Pal., vol. 4, 1907, p. 621, pl. LXX, figs. 14-23
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah sand, Red Bank sand
Location: New Jersey; Alabama
— **eborea** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 695, pl. XLII, figs. 5, 6
Formation: Cretaceous, Monmouth, Matawan, etc,
Location: Maryland; New Jersey; Alabama
Tenea (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 661, no pl.
— **parillis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 572, pl. LXIII, figs. 1-6
Formation: Cretaceous, Cliffwood clay, Merchantville clay-marl, Woodbury clay, Wenonah sand, Navesink marl, Red Bank sand and Tinton beds
Location: New Jersey; North Carolina; Mississippi; Texas; Arkansas
— **parilis** (Conrad) Gardner
Maryland Geol. Sur., U, Cret., 1916, p. 661, no pl.
Formation: Cretaceous, Magothy, Matawan, Monmouth
Location: Maryland; Delaware; New Jersey
— **pinguis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 574, pl. LXIII, fig. 7
Formation: Cretaceous, Navesink marl
Location: New Jersey
Terebra wattsiana n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 39, pl. I, fig. 11
Formation: Cretaceous
Location: Marysville Buttes, California
Terebratella californica n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 33, pl. I, figs. 12, 13
Formation: Cretaceous, Knoxville beds
Location: Cottonwood Creek, Tehama County, California
— **Harveyi** n. sp. Whiteaves
Can. Geol. Sur., Meozoic Fossils, vol. 1, pt. 5, 1903, p. 403, pl. LI, figs. 5, 6
Formation: Cretaceous
Location: Extension mine, Nanaimo, Vancouver Island; Texada Island
— **plicata** (Say) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 364, pl. XXVII, figs. 1-11
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **vanuxemi** (Lyell and Forbes) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 366, pl. XXVII, figs. 12-13
Formation: Cretaceous, Navesink marl
Location: Holmdel

Terebratula grahamensis n. sp. Burwash
  Can. Roy. Soc. Proc. Trans. Ser. 3, vol. 7, sec. IV, 1914, p. 86, pl. III, figs. 6a, b, c
  Formation: Cretaceous
  Location: Queen Charlotte Islands
Terebratula harlani (Morton) Weller
  Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 357, pl. XXVIII, figs. 1-8
  Formation: Cretaceous, Hornerstown marl
  Location: Near New Egypt
— **harlani** (Morton) Gardner
  Maryland Geol. Sur., U. Cret., 1916, p. 734, pl. XLVII, figs. 1-5
  Formation: Cretaceous, Rancocas
  Location: Delaware; Maryland
— **harlani** var. **fragilis** (Morton) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 359, pl. XXVIII, figs. 4-6
  Formation: Cretaceous, Hornerstown marl
  Location: New Jersey
— **humboldtensis** (Gabb) Smith
  U. S. Geol. Sur. Prof. Paper 83, 1914, p. 147, pl. XCIV, figs. 3-5
  Formation: Triassic
  Location: West Humboldt Range, East Range and Destatoya mountains, Nevada
Terebratula skidegatensis n. prov. Whiteaves
  Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 301, pl XXXVII, figs. 6, 6a
  Formation: Cretaceous
  Location: East end of Maud Island; north side of Maud Island
— sp. Stanton
  U. S. Geol. Sur. Bull. 133, 1895, p. 33, pl. I, fig. 11
  Formation: Cretaceous, Knoxville beds
  Location: California
— sp. Aguilera
  Com. Geol. de México, Bol. 1, 1895, p. 2, Lám. II, figs. 3–5
  Formation: Jurassic
  Location: Sierra de Catorce, Mexico
— sp. indt. Böse
  Inst. Geol. de México, Bol. 25, 1910, p. 151, Lám XXXII, fig. 3
  Formation: Lower Cenomanian
  Location: Cerro Muleros
— sp. Ravn
  Meddelelser om Grönland, vol. 45, 1911, p. 453
  Formation: Jurassic
  Location: "Klöft I" on Store Koldewey Island, Greenland
— sp. Ravn
  Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 453
  Formation: Jurassic
  Location: "Klöft I" Store Koldewey Island, Greenland
— **suttonensis** n. sp. Clapp and Shimer
  Bost. Soc. Nat. Hist. Proc. Vol 34, No. 12, 1911, p. 432, pl. 40, fig. 2, 3

Formation: Jurassic
Location: Cowichan Lake Vancouver
—cf. **Zieteni** p. de Loriol Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 1, Lám. II, figs. 6–7
Formation: Jurassic
Location: Sierra de Catorce, Mexico
Terebratulina sp. Harris and Veatch
Geol. Sur. La. Rept. 1899, p. 297, pl. LI, fig. 7
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville Parish, Louisiana
— **atlantica** (Morton) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 360, pl. XXVIII, figs. 9–12
Formation: Cretaceous, Hornerstown marl
Location: Near New Egypt
Teredina neomexicana n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 317, pl. LXXXII, figs. 7–10
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
Terredo (Linne) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 729, no pl.
— **globosa** (M. & H.) Stanton & Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 33, pl. VI, figs. 5a and 5b
Formation: Cretaceous, Cannonball
Location: Fort Clark, Flasher, N. Dakota
— **indt.** Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 659, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **irregularis** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 356, pl. LXXIV, figs. 1–3
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey; Arkansas
— **irregularis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 730, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; Maryland, New Jersey
— **rhombica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 732, pl. XLV, fig. 3
Formation: Cretaceous, Monmouth
Location: Maryland
—**selliformis** (M. & H.) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 33, pl. VI, fig. 4
Formation: Cretaceous, Cannonball
Location: Fort Clark and Almont, N. Dakota
— ? sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 398, pl. XLIX, fig 3
Formation: Jurassic, Belemnite shale
Location: Black Hills
Tessarolax distorta (Gabb) Whiteaves

Geol. Sur. Can., Mesozonic Fossils, vol. 1, pt. 5, 1903, p. 358, no pl.
Formation: Cretaceous
Location: Hornby Island

Tetracarcinus subquadrata n. sp. Weller
Geol. Sur. N. J. Ann. Rept. 1904, p. 139, pl. XV, figs. 4, 5, 6.
Journ. Geol. 1905, vol. 13, p. 328, figs. 4, 5, 6.
Formation: Cliffwood
Location: Cliffwood, N J.

— **subquadrata** (Weller) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 852, pl. CXI, figs. 16–19
Formation: Cretaceous, Cliffwood clay, Woodbury clay
Location: New Jersey

Tetragonites see **Lytoceras**

— **timotheanus** ? (Mayor) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 329, no pl.
Formation: Creaceous
Location: Pointledge or Comox River, Comox, Vancouver Island; Nanaimo River, Vancouver Island; Bernnan Creek, Vancouver Island

Textularia agglutinans (d'Orbigny) Woodward
New York Microscopical Soc. Jour. Vol. 10, No. 4, 1894, p. 93
Formation: Cretaceous
Location: Timber Creek, New Jersey

— **agglutinans** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 30, pl. C, figs. 7, 8
Formation: Cretaceous
Location: Minnesota; Illinois; Mississippi

— **agglutinans** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 28, no pl.
Formation: Cretaceous, Rancocas and Manasquan
Location: New Jersey

— **agglutinans** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 191, pl. 1, figs. 6, 7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **agglutinans** var. **Porrecta** (Brady) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 28, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey

— **agglutinans** var. **porrecta** (Brady) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 192, pl. 1, figs. 8–9
Formation: Cretaceous, Vincentown limesand
Location: New Jersey

— **carinata** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 94
Formation: Cretaceous
Location: Mullica Hill, New Jersey

— **carinata** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895, p. 30, pl. C, fig. 11

Formation: Cretaceous
Location: Nebraska
— **gibbosa** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous
Location: New Jersey
— **gibbosa** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 192, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **globulosa** (Ehrenberg) Woodward and Thomas
Minn. Geol. and Nat. Hist. Surv., vol. 3, pt. 1, 1895, p. 29, pl. C figs. 1–6
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
— **globulosa** (Ehrenburg) Calvin
Iowa Geol. Sur. vol. III, 2nd Ann. Rept., 1895, p. 225, pl. XIX, figs. 5, 6
Formation: Cretaceous, Iowa chalk
Location: St. Helena, Nebraska
— **globulosa** (Ehrenberg) McClung
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 421, pl. LXXXV, figs. 1–4
Formation: Cretaceous, All horizons except Inoceramus beds
Location: Kansas
— **globulosa** (Ehrenberg) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
— **globulosa** (Ehrenberg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 193, pl. I, figs. 10–12
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **gramen** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 94
Formation: Cretaceous
Location: Timber creek, New Jersey
— **gramen** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **gramen** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 193, pl. I, figs. 13, 14
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **pygmaea** ? (Dawson) Calvin
Iowa Geol. Sur. vol. III, 2nd. Ann. Rept., 1895, p. 296, pl. XIX, fig. 7
Formation: Cretaceous
Location: Saint Helena, Nebraska
— **sagittula** (Defrance) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 194, pl. 1, figs. 15–17

Formation: Cretaceous, Vincentown limesand
— sagittula (Defrance) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 95
Formation: Cretaceous
Location: New Egypt and Timber Creek, New Jersey
— sagittula (Defrance) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— turris (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 94
Formation: Cretaceous
Location: Timber Creek, New Jersey
— turris (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. I, 1895, p. 30, pl. C, figs. 9, 10
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
— turris (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 30, no pl.
Formation: Cretaceous
Location: New Jersey
— turris (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 195, pl. I, figs. 18–19
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Thalassoceratidae Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 87, no pl.
Thaumastus limnaeiformis (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
Thetis sp. Harris and Veach
Geol. Sur. La. Rept., 1899, p. 295, pl. L, fig. 6
Formation: Cretaceous
Location: Rayburns Salt Works, Bienville Parish, Louisiana
— affinis (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 290, no pl.
Formation: Cretaceous
Location: Three miles northwest of Yakton Lake on Rennel Sound Trail, Queen Charlotte Islands
Thracia ?maloniana n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 86, pl. XIX, fig. 6
Formation: Jurassic
Location: Malone, Texas
— ? montanaensis (Meek) ? Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 628, pl. LXXIII, fig. 10
Formation: Jurassic, Ellis
Location: Yellowstone National Park
— semiplanata (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 289, no pl.

Formation: Cretaceous
Location: East end of Maud Island; creek near Camp Robertson, 2 miles south of Yokoun Lake; Queen Charlotte Islands
— **subtruncata** (Meek) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 375, no pl., (no description)
Formation: Cretaceous
Location: Sucia Islands
— **weedi** n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 627, pl. LXXV, figs. 1–3
Formation: Jurassic, Eliis
Location: Yellowstone National Park
Thyasira cretacea (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 383, no pl.
Formation: Cretaceous
Location: Dodd Narrows, Vancouver Island
Tirolites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 158, no pl.
Formation: Triassic
— (**Metratirolites**) **foliaceus** (Dittmar) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 160, pl. LXXXII, figs. 1–10
Formation: Triassic
Location: California
— **pacificus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 159, pl. XXI, figs. 14–18
Formation: Triassic
Location: Inyo County, California
— **pacificus** (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 68, pl. II, figs. 14–18
Formation: Triassic
Location: Inyo County, California
Tornatella normalis n. sp. Cooper
Cal. State Min. Bureau Mull. No. 4, 1894, p. 46, pl. II, figs. 36, 37
Formation: Cretaceous
Location: Point Loma, California
Tornatellina ? isolina n. sp. White
U. S. Geol. Sur., Bull. 128, 1895, p. 48, pl. VI, figs. 14, 15
Formation: Cretaceous, Bear River formation
.Location: Wyoming
Tornatina ? erratica n. sp. Cooper
Cal. State Min. Bureau Bull. 4, 1894, p. 47, pl. II, fig. 35
Formation: Cretaceous
Location: California
Ternquistites n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 59, no pl.
Formation: Triassic
— **evolutus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 60, pl. XXXII, figs. 11–21
Formation: Triassic
Location: Shasta County, California
Truncatella haldemani (White) White

U. S. Geol. Sur. Bull. 128, 1895, p. 44, pl. V. figs. 8–12
Formation: Cretaceous, Bear River
Location: Wyoming
Trachyceras (Laube) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 127, no pl.
— (Laube) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 191, no pl.
— (Laube)Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 191, no pl.
— (Laube) Smith
Cal. Acad. Sci. Proc., 3rd. ser. vol. I, 1904, p. 387, no pl.
Trachyceras (Protrachyceras) americanum (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 133, pl. XV, figs, 3, 3a; pl. XLVIII, figs. 6, 7, pl. LXXXII, figs. 10–13
Formation: Triassic
Location: West Humboldt Range, Nevada
— (Anolcites) **barberi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 130, pl. LXXXVI, figs. 12–14
Formation: Triassic
Location: West Humboldt Range, Nevada
— (Anolcites) **drakei** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 129, pl. XCVII, figs. 15–17
Formation: Triassic
Location: West Humboldt Range, Nevada
— (**Protrachyceras**) **dunni** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 134, pl. LXXXIV, figs. 14–16
Formation: Triassic
Location: West Humboldt Range, Nevada
— (Anolcites) **furlongi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 130, pl. LXXXIII, figs. 1–7; pl. LXXXIV, figs. 1–13
Formation: Triassic
Location: West Humboldt Range, Nevada
— (**Anolcites**) **gabbi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 132, pl. IX, figs. 3-17; pl. XI, figs. 4-7; pl. LXXXV, figs. 11, 12; pl. LXXXVI, figs. 1-11
Formation: Triassic
Location: West Humboldt Range, Nevada
— (**Anolcites**) **gracile** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 132, pl. LXXXII, figs. 4-9
Formation: Triassic
Location: West Humboldt Range, Cottonwood Canyon, Nevada
— (**Protrachyceras**) **homfrayi** (Gabb) Smith
U. S. Geol. Sur. Prof Paper 83, 1914, p. 134, pl. XVI, figs. 11-13
Formation: Triassic
Location: East Range and West Humboldt Range?, Nevada
— (Anolcites) **hyatti** n. sp. Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 389, pl. XLIII, fig.

12; pl. XLV, figs. 1-2
Formation: Triassic
Location: Nevada

— **(Protrachyceras) lahontanum** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 135, pl. LXXXV, figs. 1-5
Formation: Triassic
Location: WestHumboldt Range, Nevada

— **(Protrachyceras) lecontei** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 194, pl. XLIV, figs. 1, 2; pl. XLV, figs. 1-9; pl. XLVI, figs. 1-5
Formation: Triassic
Location: Shasta County, Caltiornia

— **(Anolcites) meeki** (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 390, pl. XLV figs. 3-4
Formation: Triassic
Location: Nevada

Trachyceras (Anolcites) meeki (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof Paper 40, 1905, p. 196, pl. XXLV, figs. 8-9; pl. LIX, figs. 1-17; pl. LXXIV, figs. 1-7
Formation: Triassic

— **(Protrachyceras) meeki** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 135, pl. V, figs. 8, 9; pl. IX, figs. 1, 2; pl. XI, figs. 1-3; pl. XV, figs. 1, 1a; pl. LXXVIII, figs. 4-7
Formation: Triassic
Location: West Humboldt Range, Nevada

— **(Protrachyceras) shastense** n. sp. Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 391, pl. XLIV, figs 9, 9a; pl. XLVIII, figs. 3, 4
Formation: Triassic, Karnic
Location: California

— **(Protrachyceras)** sp. indt. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 18, Lám. I, figs. 5a, 5b
Formation: Triassic
Location: Puente del Ahogado, Zacatecas

— **(Protrachyceras)** sp. indt. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 8, Lám. I, figs. 4a, 4b
Formation: Triassic
Location: Puente del Ahogado, Zacatecas

— sp. indet. Kittl
Second Norwegian Artic Exped., in the Fram Rept., No. 7, 1907, p. 40
Formation: Triassic
Location: Hutinsel in Bayfjord

Trachyceras (Protrachyceras) springeri n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 136, pl. LXXXV, figs. 6-10
Formation: Triassic
Location: West Humboldt Range, Nevada

— **(Protrachyceras) subasperum** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 137, pl. XV, figs. 2a-b;

pl. LXXXIV, figs. 17-19
Formation: Triassic
Location: West Humboldt Range, Nevada
Trachysagenites (Mojsisovics) subgen. Hyatt and Smith
U. S. Geol. Prof. Paper 40, 1905, p. 38, no pl.
— see **Sagenites**
Trachytriton atlanticum n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 59, pl. V, figs. 8-11
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **atlanticum** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 59, pl. V, figs. 8-11
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks creek, near New Egypt, New Jersey
Trachytriton ? atlanticum (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 727, pl. LXXXIV, figs. 11-14
Formation: Cretaceous, Navesink marl
Location: New Jersey
— ? **holmdelense** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 60, pl. V, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **holmdelense** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 60, pl. V, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
— ? **holmdelense** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 728, pl. LXXXIV, figs. 9, 10
Formation: Cretaceous, Navesink marl
Location: New Jersey
— ? **multivaricosum** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 61, pl. V, figs. 12, 13
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **multivaricosum** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 61, pl. V, figs. 12, 13
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey
— ? **multivaricosum** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 729, pl. LXXXIV, figs. 15-18
Formation: Cretaceous, Navesink marl
Location: New Jersey
Traskites n. subgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 186, no pl.
Formation: Triassic
Trematopygus cruiferus (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 71, pl. XXVIII, figs. 3a-c; pl. XXIX, figs. 1a-f
Formation: Cretaceous, Rancocas
Location: Timber Creek and Vincentown, New Jersey
— **crucifer** (Morton) Clark

U. S. Geol. Sur. Bull. 97, 1893, p. 63, pl. XXVII, figs. 1a-i
Formation: Cretaceous
Location: New Jersey
— **cruciferus** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 289, pl. XI, figs. 1-9
Formation: Cretaceous, Vincentown limestone
Location: Timber Creek, New Jersey
Trichites sp. Pompj.
Kais. Russ. Mineral, Gesell, St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 271
Formation: Jurassic
Location: Katmaiskoj, Alaska
See **Inoceramus** sp. Pompj.
Trichotropis shumardi n. sp. Cragin
— **shumardi** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 229, pl. XLII, fig. 13
Formation: Cretaceous, Exogyra texana beds, limestone strata
Location: 1½ miles east of Benbrook, Texas
— **shumardi** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 76, pl. XVIII, figs. 4, 5
Formation: Cretaceous, Goodland
Location: North Texas
Trigonacra see **Arca**
— **cliffwoodensis** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 401, jl. XXX, fig. 17
Formation: Cretaceous, Cliffwood clay
Location: New Jersey and North Carolina
— **cuneiformis** (Conrad) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 403, pl. XXX, figs. 18-20
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **depressa** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 93, pl. XIX, fig. 2
Formation: Cretaceous, Colorado?
Location: East bank of Rio Puerco, 6 miles below Casa Salazan, New Mexico
— **depressa** (White) Shimer and Blodgett
Amer. Journ. Sci., 4th ser., vol. 25, 1908, p. 62
Formation: Cretaceous, Fort Benton or possibly Niobrara
Location: New Mexico
— ? **hancocki** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 23, pl. II, figs. 4 & 5
Formation: Cretaceous, Cannonball
Location: Mandan, N. Dakota
— **obliqua** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 92, pl. XIX, fig.1; pl. XX, figs. 2-6
Formation: Cretaceous, Pugnellus sandstone
Location: East Canyon Creek, Wasatch Range, Utah; Coalville Utah; Huerfano Park, Colorado
— **obliqua** (Meek) Johnson

School of Mines Quart., vol. 24, No. 2, 1903, p. 194,
See Bull. U. S. Geol. Sur., No. 106, p. 92
Formation: Cretaceous, Achavica Arroyo, Fort Pierre age
Location: New Mexico

— **obliqua** (Meek) Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 122
Formation: Cretaceous, Fort Pierre
Location: Achavica Arroyo, New Mexico

— **siouxensis** (M. & H.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 170
Formation: Cretaceous
Location: Timber Creek, Denton County, Texas
See **Arca (T.) siouxensis**

— **triquetra** (Conrad) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 402, pl. XXX, fig. 16
Formation: Cretaceous, Clifwood clay
Location: New Jersey, North Carolina

Trigoniidæ (Lam.) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, pl. 9

Trigonia (Bruguière) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 582, no pl.

— (Bruguière) Packard
Type **Trigonia nodulosa** (Lam.)
Oregon Univ. Pub., vol. 1, No. 9. 1921, p. 9

— **æquicostata** (Gabb) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 27, pl. IX, fig.3
Formation: Cretaceous, Horsetown and Chico
Location: Orestimba Canyon, Contra Costa Co., Cal.; Jackson and Riddle, Oregon

— **albertensis** n. sp. McLearn
Canada Dept. Mines Mus. Bull., 29, 1919, p. 11, pl. IV, fig. 3, 4
Formation: Cretaceous
Location: Northern Alberta

— **americana** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 618, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park

— **calderoni** (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 59, pl. IX, figs. 4-6
Formation: Jurassic
Location: Malone, Texas

— **californiana** n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 17, pl. II, fig. 2
Formation: Cretaceous
Location: Ager, Siskiyou Co., California

— **cerulea** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 584, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey

— **cerulea** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 464, pl. XLVIII, fig. 13

Formation: Cretaceous, Tinton beds
Location: New Jersey

— **charlottensis** n. sp. Packard
Oregon Univ. Pub., vol. 9, 1921, p. 12, pl. III. fig. 1
Formation: Cretaceous, Haida formation
Location: Maude Island, Queen Charlotte Island

— **clavigera** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 212, pl. XLVI. figs. 12, 13
Formation: Cretaceous
Location: Brown's ferry, Red River, Cooke County, Texas

— **clavigera** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 73, pl. XVII, figs. 4-6
Formation: Cretaceous, Weno
Location: Gainesville, Texas

— **columbiana** n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 23, pl. XI, figs. 1, 3
Formation: Cretaceous, Haida formation
Location: Queen Charlotte City, Queen Charlotte Islands

— **concentrica** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 213, pl. XLI, fig. 4
Formation: Cretaceous, Dinosaur sands of Travis Peak
Location: On Cow Creek and Post Oak Creek, Travis County

— **condoni** n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 28, pl. VIII. fig. 2
Formation: Cretaceous, Chico group
Location: Grant's Pass, Oregon

— **conferticostata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 63, pl. XI, fig. 3
Formation: Jurassic
Location: Malone, Texas

— **consobrina** (Eichwald) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
Formation: Cretaceous
Location: Aleutian Islands

— aff. **costata** (Sowerby) Packard
Oregon Univ. Pub., vol. 1, No. 9. 1921, p. 33
Formation: Jurassic, Hardgrave SS.
Location: Taylorsville, Cal.

— aff. **costatula** (Lycett) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 15
Formation: Jurassic, Hardgrave S.S.
Location: Taylorsville, Cal.

— **crenulata** (Rœmer) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 27, pl. III, fig. 4
Formation: Cretaceous, Glen Rose
Location: Bull Creek, Travis County, Texas

— **dawsoni** (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1903, p. 306, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands

— **dawsoni** (Whiteaves) Packard

Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 13, pl. IV, fig. 2
Formation: Jurassic, Yakoun formation
Location: Iltasyonco River, B. C., Sigut Lake, B. C.
— **deschutesensis** n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 24, pl. X, fig. 3
Formation: Cretaceous, Chico group
Location: Crooked River, Eastern Oregon
— **devexa** (Eichwald) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 14
Formation: Tuxedni S. S.
Location: Iniskin Bay Cook Inlet, Alaska
— **diversicostata** Whiteaves
Can. Geol. Sur., Meozoic Fossils, vol. 1, pt. 4, 1900, p. 292, no pl.
Formation: Cretaceous
Location: East end of Maud Island; 3 miles northwest of Yakoun lake on Rennel Sound Trail, Queen Charlotte Islands
— **diversicostata** (Whiteaves) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 9, pl. III, fig. 4
Formation: Cretaceous, Haida formation
Location: Bear Skin Bay, Skidegate Inlet, Queen Charlotte Islands
— **doroschini** (Eichwald) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 15, pl. III, figs. 2, 3
Formation: Jurassic, Tuxedni S. S.
Location: Kenai, Alaska; Iniskin Bay, Cook Inlet, Alaska
— **elegantissima** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 619, pl. LXXIII, fig. 2
Formation: Jurassic, Ellis
Location: Yellowstone National Park
— **emoryi** (Conrad) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 23, pl. VIII, figs. 6-8
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, and Onion Creek, Buda, Texas
— **emoryi** (Conrad) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 121, Lám. XXIV, figs. 1-5; Lám. XXV, figs. 1, 3, 5; Lám. XXVI, fig. 1
Formation: Vraconian and lower Cenomanian
Location: Cerro de Muleros
— **eufaulensis** Harris and Veatch
Geol. Sur. La. Rep., 1899, p. 295, pl. L, fig. 9
Formation: Cretaceous
Location: Rayburns Salt Works, Bienville parish, Louisiana
— **eufalensis** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 462 pl. XLVIII, figs. 5-10
Formation: Cretaceous, Merchantville clay marl, Woodbury clay, Wenonah sand
Location: New Jersey; Alabama; Mississippi; Texas
— **eufalensis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 582, pl. XXXIV, figs. 1, 2
Formation: Cretaceous, Monmouth, Matawan, Black creek, Peedee, Eutaw, Ripley
Location: Delaware; Maryland; New Jersey; North and South

Carolina; Georgia; Alabama

— **evansana** (Meek) Whiteaves
Can. Geol. Sur., Meozioc Fossils, vol. 1, pt. 5, 1903, p. 387, no pl.
Formation: Cretaceous
Location: Nanaimo, Vancouver Island

— **evansana** (Meek) Arnold
U. S. Proc. Nat. Mus. vol. 34, 1908, pl. XXXI, fig. 5 (no description)
Formation: Cretaceous, Knoxville and Chico
Location: California

—**evansana** (Meek) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 25, pl. IX, figs. 5 & 6
Formation: Cretaceous, Chico and possibly upper Horsetown
Location: Nanaimo, Vancouver; Henly, California

— **evansana** var. **oregana** n. var. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 26, pl. IX, fig. 7
Formation: Cretaceous, Chico group
Location: Crooked River area and Jackcon, Oregon

— **fitchi** n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 20, pl. VI, fig. 3; pl. VII, fig. 2
Formation: Cretaceous, Chico group
Location: Griffin Creek, Bear Creek Valley, Oregon; Ager, Cal.

— **flexicostata** (Burwash) Packard
Oregon Univ. Pub., vol. 1, No. 9 1921, p. 29, pl. VII, fig. 3
Formation: Cretaceous, Haida formation
Location: Maud Island; Queen Charlotte Island

— **flexicostata** n. sp. cf. T. **scarburghensis** Burwash
Can. Roy. Soc. Proc., Tran. Ser. 3, vol. 7, Sec. IV, 1914, p. 82, pl. III, fig. 3
Formation: Cretaceous
Location: Queen Charlotte Islands

— aff. **formosa** (Lycett) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 14
Formation: Jurassic, Hardgrave S. S.
Location: Taylorsville, Cal.

— **goodellii** (Cragin) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 58, pl. X, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas

— **Guadalupæ** n. sp Böse
Inst. Geol. de México, Bol. 25, 1910, p. 124, Lám. XXIII, figs. 11-16
Formation: Vraconian
Location: Chihuahua

— aff. **hemispherica** (Lycett) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 33
Formation: Jurassic, Marmon S. S.
Location: Taylorsville, Cal.

— **inezana** n. sp. Packard
Oregón Univ. Pub., vol. 1, No. 9, 1921, p. 27, pl. VIII, fig. 1a, b; pl. IX, fig. 1; pl. X, fig. 1

Formation: Cretaceous, Chico
Location: Santa Ynez Mts., Cal., Chico Creek, Cal.
— **jacksonensis** n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 18, pl. IV, fig. 1
Formation: Cretaceous, Chico group
Location: Jacksonville, Oregon
— **kümmeli** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 466, pl. XLVIII, figs. 11-12
Formation: Cretaceous, Red Bank sand
Location: New Jersey
— **leana** (Gabb) Merriam
Univ. of Cal. Bull. of Geol. vol. 2, 1901, p. 282, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
— **leana** (Gabb) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 20, pl. V, figs. 1, 2, 3, 5, 6; pl. VI, fig. 1; pl. VII, fig. 1
Formation: Cretaceous, Chico group
Location: Martinez, Cal., Bear Creek Valley area of Oregon; Queen Charlotte Islands
— **leana** var. **whiteavesi** n. var. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 21, pl. V, fig. 4; pl. VI, fig. 2
Formation: Cretaceous, Haida and possibly Chico
Location: Queen Charlotte Islands; Pigeon Point; Santa Mateo Co., Cal.
— **maudensis** (Whiteaves) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 29, pl. IX, fig. 2
Formation: Cretaceous, Haida formation
Location: Maud Island, Skidegate Inlet; Queen Charlotte Islands
— **marionensis** (Stephenson n. sp.) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 585, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland
— **montanensis** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 619, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park
— **munita** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 62, pl. X, figs. 8-11
Formation: Jurassic
Location: Malone, Texas
— **nana** (Eichwald) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
Formation: Cretaceous
Location: Aleutian Islands; Kenai, Alaska
— **naviformis** (Hyatt) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 11, pl. II, fig. 1
Formation: Jurassic, Bicknell S. S.
Location: Mount Jura, Taylorsville, Cal.
— **newcombei** n. sp. Packard

Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 30, pl. IX, fig. 4; pl. X, figs. 2, 4, 6; pl. XI, fig. 2
Formation: Cretaceous, Haida
Location: Queen Charlotte City, Queen Charlotte Islands

— **obliqua** (Hyatt) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 16, pl. III, figs. 5, 6
Formation: Jurassic; Bicknell S. S.
Location: Mount Jura, Taylorsville, Cal.

— **pandicostata** (Meek) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 17, pl. IV, fig. 3
Formation: Jurassic
Location: Genesee Valley, Plumas County, Cal.

— **paucicostata** n. sp. Burwash
Can. Roy. Soc. Proc. Trans., ser. 3, vol. 7, sec. IV, 1914, p. 85, pl. III, fig. 5
Formation: Cretaceous
Location: Queen Charlotte Islands

— **paucicostata** (Burwash) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
Formation: Cretaceous ?
Location: Maud Island, Queen Charlotte Islands

— **plumasensis** (Hyatt) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 32, pl. X, fig. 5
Formation: Jurassic, Bicknell S. S.
Location: Mt. Jura, Taylorsville, Cal.

— **poststriata** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 396, .pl XLVIII, figs. 4-6
Formation: Jurassic
Location: Black Hills

— **præstriata** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 61, pl. X, fig. 7
Formation: Jurassic
Location: Malone, Texas

— **proscabra** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 60, pl. X, figs. 3-6
Formation: Jurassic
Location: Malone, Texas

— **recticostata** (Burwash) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
Formation: Cretaceous
Location: Maud Island, Queen Charlotte Islands

— **reniformis** n. sp. Burwash
Can. Roy. Soc. Proc. and Trans., Ser. 3, vol. 7, Sec. IV, 1914, p. 84, pl. II, figs. 1a, b
Formation: Cretaceous
Location: Queen Charlotte Islands

— **reniformis** (Burwash) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 35
Formation: Cretaceous
Location: Maud Island, Queen Charlotte Islands

— rudicostata n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 63, pl. XI, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
— securiformis n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 214, pl. XLVI, fig. 6
Formation: Cretaceous, Comanche Peak limestone
Location: Big Springs, Howard County, Texas
— stolleyi n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 26, pl. III, figs. 3, 5
Formation: Cretaceous Glen Rose
Location: Texas
— sturgisensis n. sp. Whitfield and Hovey
Bull Amer. Mus. Nat. Hist., vol. 22, 1906, p. 394, pl. XLVII, pl. XLVIII, figs. 1-3, 7
Formation: Jurassic
Location: Sturgis, S. D.; Mato Teepe, Wyo.; Hulet, Wyoming
— taffi n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 214, no pl.
Formation: Cretaceous, Comanche series
Location: El Paso County, Bluff Mesa, 3 miles southwest of Sierra Blanca Station and 1 mile northeast of Malone, Texas
— thoracia (Morton) Johnson
Phila. Acad. Nat. Sci. Proc., 1898, p. 464, no fig.
Formation: Cretaceous
Location: New Jersey
— thoracia (Morton) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 460, pl. XLVIII, figs. 1-4
Formation: Cretaceous
Location: New Jersey; Alabama; Mississippi; Arkansas; Texas
— tryoniana (Gabb) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 19, pl. IV, fig. 4
Formation: Cretaceous, Chico group
Location: Tuscan Springs, Tehama County, Cal., Santa Ana, Mts., Cal., North West Bay, Vancouver
— undulata (Fromherz) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 180, pl. VI, fig. 11
Formation: Jurassic
Location: Mt. Nathorst, Greenland
— verticostata n. sp. Burwash
Can. Roy. Soc. Proc. Trans., Ser. 3, vol. 7, Sec. IV, 1914, p. 83, pl. III, fig. 4
Formation: Cretaceous
Location: Queen Charlotte Islands
— vyschetzkii n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 215, no pl.
Formation: Cretaceous
Location: 1 mile northeast of Malone, El Paso County, Texas
— vyschetzkii (Cragin) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 56, pl. VIII, figs. 1, 2; pl. IX, fig. 1-3

Formation: Jurassic
Location: Malone, Texas
— sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 95, no pl.
Formation: Cretaceous
Location: Cinnabar Mountain and near Gallatin City, Montana
Triplicosta n. subgen. Cooper
Cal. Acad. Sci. Proc., 2nd ser. vol. 6, 1896, p. 332, no pl.
Triploporella Fraasi (Steinmann) Bœhm
Zeit. Deut. Geol. Gesell., 1898, vol. 50, p. 326,
Formation: Cretaceous
Location: Cerro Escamelo bei Orizaba
Tritaxia tortilis (Reuss Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 31, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **tortilis** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 197
Formation: Cretaceous, Vincentown limestone
Location: New Jersey
— **tricarinata** (Ruess) Woodward
New York Microscopical Soc. Jounr., vol. 10, No. 4, 1894, p. 97
Formation: Cretaceous
Location: Timber Creek, New Jersey
— **tricarinata** (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 31, no pl.
Formation: Cretaceous
Location: New Jersey ?
— **tricarinata** (Ruess) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 197, pl. I, figs. 23, 24
Formation: Cretaceous, Vincentown limestone
Location: Swedesboro, New Jersey
Triton lorillardensis n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 725, pl. LXXXIV, figs. 5-6
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **(Epidromus) præcedens** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 58, pl. V, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Epidromus) præcedens** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 58, pl. V. figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **præcedens** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 726, pl. LXXXIV, figs. 7-8
Formation: Cretaceous, Navesink marl
Location: New Jersey
Tritonidea ? huerfanensis n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 152, pl. XXXI, fig. 15
Formation: Cretaceous, Pugnellus sandstone

Location: Poison Canyon, Huerfano County, Colorado
— (?) **huerfanensis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XLIII, fig. 15, (no description)
Formation: Cretaceous
Location: Near Albuqurque, New Mexico
Tritonidea obesa n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 79, pl. IX, figs. 1-3
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **obesa** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 79, pl. IX, figs. 1-3
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **kanabense** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 150, pl. XXXI, fig. 12
Formation: Cretaceous
Location: Kanab, Utah
— **kanabense** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, fig. 12 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **kanabense** (Stanton) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 201, pl. I, fig. 6
Formation: Cretaceous, Fort Pierre age
Location: Santa Rosa Mountain, New Mexico
— **kanabense** (Stanton) Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 129, pl. I, fig.6
Formation: Cretaceous, Fort Pierre age
Location: Santa Rosa, Mountain, New Mexico
Trochactæon – see **Actæonella**
— **cylindraceus** ? (Stoliczka) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 287, no pl.
Formation: Cretaceous
Location: East end of Maud Island; Bear Skin Bay; Queen Charlotte Islands
— **semicostatus** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 354, pl. XLIV. fig. 5
Formation: Cretaceous
Location: Roof of Coal, New Vancouver Coal Company's mine, Naniamo, Vancouver Island
Trochammina inflata (Montagu) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 92
Formation: Cretaceous
Location: Stratton Marl Pit, Mullica Hill; Timber Creek, New Jersey
— **inflata** (Montagu) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1 1895,

p. 28, pl. D, fig. 31
Formation: Cretaceous
Location: Northeast Minnesota ?; South Chicago, Illinois
— **inflata** (Montagu) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 27, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
— **inflata** (Montagu) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 190, pl. I, figs. 3-5
Formation: Cretaceous
Location: Vincentown, New Jersey
Trochocyathus conoides (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 269, pl. V, figs. 8-10
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **oregonensis** n. sp. Nomland
Univ. Cal. Pub. Dept. Geol., vol. 9, 1916, p. 63, pl. IV, figs. 9, 10
Formation: Cretaceous, Chico
Location: Jackson County, Oregon
— **pergranulatus** n. sp. Nomland
Univ. Cal. Pub. Dept. Geol., vol. 9, 1916, p. 64, pl. III, figs. 16, 17
Formation: Cretaceous, Chico
Location: Mount Diablo, California
— **woolmani** n. sp. Vaughan
Phil. Acad. Nat. Sci. Proc., 1900, p. 436, figs. 1-3
Formation: Cretaceous, Matawan clay-marls
Location: Mt. Laurel, New Jersey
— **woolmani** (Vaughan) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 268, pl. V, figs. 5-7
Formation: Cretaceous, Woodbury clay
Location: New Jersey
Trochosmilia ? sp. indt., Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 38, pl. XXVII, figs. 4, 5
Formation: Cretaceous
Location: Shoal Creek, Texas
— **texana** (Conrad) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 79, no pl.
Formation: Cretaceous, Goodland
Location: Texas
Trochus laticonicus n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 138, pl. X, figs. 30, 31
Formation: Cretaceous, Weno
Location: Gainesville, Texas
— sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 31, pl. XIX
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas
— **texanus** (Rœm.) Cragin
Amer. Geol. vol. 14, 1894, p. 11, no pl.
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas

Tropiceltites (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 58, no pl.
Formation: Triassic
Location: Shasta county, California
— **frechi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 59, pl. LXXX, figs. 1-11
Formation: Triassic
Location: Shasta County, California
Tropigastrites gen. (**Tropites**) n. gen. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 25, no pl.
— **halli** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 27, pl. VI, fig. 4, 5; pl. XII, figs. 1-5; pl. XIV, figs. 7, 7a; pl. XVIII, figs. 11-14; pl. LXXXVIII, figs. 14-23
Formation: Triassic
Location: West Humboldt Range, Nevada
— **lahontanus** Smith
U. S. Geol. Sur. Prof Paper 83, 1914, p. 28, pl. XIX, figs. 14-21; 24-26
Formation: Triassic
Location: West Humboldt Range, Nevada
Tropigastrites louderbacki (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 29, pl. XVIII, figs. 3-6, 9, 10; pl. XI, figs. 10-12; pl. LXXXVIII, figs. 4-13
Formation: Triassic
Location: West Humboldt Range, Nevada
— **neumayri** |Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 29, pl. XVIII, figs. 15-23; pl. LXXXVIII, figs. 1-3
Formation: Triassic
Location: West Humboldt Range, Nevada
— **obliterans** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 30, pl. LXXXVII, figs. 27-32
Formation: Triassic
Location: West Humboldt Range, Nevada
— **powelli** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 31, pl. XVIII, figs, 1, 2, 7, 8, 8a; pl. XCVII, figs. 1-12
Formation: Triassic
Location: West Humboldt Range, Nevada
— **rothpletzi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 31, pl. XIX, figs. 1-13, 22, 23; pl. LXXXVII, figs. 24-26
Formation: Triassic
Location: West Humboldt Range, Nevada
— **trojanus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 32, pl. XVII, figs. 1-30
Formation: Triassic
Location: West Humboldt Range, Nevada
Tropites see **Tropigastrites**

— (Mojsisovics) Smith
  Cal. Acad. Sci. Proc., 3d ser. vol. 1, 1904, p. 392, no pl.
— (Mojsisovics) Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 65, no pl.
— **dilleri** n. sp. Smith
  Cal. Acad. Sci. Proc., 3d ser. vol. 1, 1904, p. 393, pl. XLVI, figs. 3-4; pl. XLVII, fig. 3
  Formation: Triassic, Karnic
  Location: California
— **subbullatus** (Hauer) Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 67, pl. XXXIII, figs. 1-7; pl. XXXIV, figs. 1-14; pl. LXXIX, figs. 1-10
  Formation: Triassic
  Location: Shasta County, California
— **subbullatus** (Hauer) Smith
  Leland Stan. Jun. Univ. Pub. 1914, pl. IV, figs. 11-21
  Formation: Triassic
  Location: California
— **torquillus** (Mojsisovics) Smith
  Cal. Acad. Sci. Proc., 3d ser. vol. 1, 1904, p. 394. pl. XLVI, figs. 5-6; pl. XLVII, fig. 4
  Formation: Triassic, Karnic
  Location California
Tropitidæ (Mojsisovics) Smith
  U. S. Geol. Sur. Prof. Paper 83, 1914, p. 24, no pl.
— (Mojsisovics) Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 52, no pl.
Tropitoidæ suborder Hyatt and Smith
  U. S. Geol. Sur. Prof. Paper 40, 1905, p. 25
Truncatulina akneriana (d'Orbigny) Bagg
  U. S. Geol. Sur. Bull. 88, 1898, p. 64, no pl.
  Formation: Cretaceous
  Location: New Jersey
— **akneriana** (d'Orbigny) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 257, pl. IV, figs. 4-6
  Formation: Cretaceous, Manasquan Marl
  Location: Vincentown, New Jersey
— **haidingerii** (d'Orbigny) Woodward
  New York Microscopical Soc. Journ.,vol. 10, No. 4, 1894, p. 134
  Formation: Cretaceous
  Location: Timber Creek, New Jersey
— **haidingerii** (d'Orbigny) Bagg
  U. S. Geol. Sur. Bull. 88, 1898, p. 65, no pl.
  Formation: Cretaceous
  Location: New Jersey
— **haidingerii** (d'Orbigny) Weller
  Geol. Sur. N. J. Pal., vol. 4, 1907, p. 257, pl. IV, figs. 7-9
  Formation: Cretaceous, Vincentown limesand
  Location: Vincentown, New Jersey
— **lobatula** (Walker and Jacob) Woodward
  New York Microscopical Soc. Journ., vol 10, No. 4, 1894, p. 135

Formation: Cretaceous
Location: Mullica Hill; Timber Creek, New Egypt, N. J.

—**lobatula** (Walker and Jacob) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 65, no pl.
Formation: Cretaceous
Location: New Jersey

— **lobatula** (Walker and Jacob) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 258, pl. IV, figs. 10-12
Formation: Cretaceous, Marshalltown clay marl
Location: Marshalltown, New Jersey

— **refulgens** (Montfort) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 66, no pl.
Formation: Cretaceous
Location: New Jesrey

— **refulgens** (Montfort) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 259. pl. IV, figs. 13-15
Formation: Cretaceous, Marshalltown
Location: New Jersey

— sp. Calvin
Iowa Geol. Sur., vol. III, 2nd Ann. Rept., 1895, p. 229, pl. XIX, fig. 10
Formation: Cretaceous
Location: Saint Helena, Nebraska; Yankton, S. Dakota

— **ungeriana** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 136
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, N. J.

— **ungeriana** (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 66, no pl.
Formation: Cretaceous
Location: New Jersey

— **ungeriana** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 260, pl. IV, figs. 16-18
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey

— **wuellerstorfi** (Schwager) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 66, no pl.
Formation: Cretaceous
Location: New Jersey

— **wuellerstorff** (Schwager) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 261, pl. IV, figs. 19-21
Formation: Cretaceous, Manasquan marls
Location: Vincentown, New Jersey

Tuba ? reticulata n. sp. Johnson
Phila. Acad. Nat. Sci. Proc., 1898, p. 464. no fig.
Formation: Cretaceous
Location: New Jersey

Tubinopsis septariana n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 230, pl. XLII, fig. 3
Formation: Cretaceous, Eagle Ford Shale
Location: 4 miles east of Whitesboro, Texas

Tudicula planimarginata n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 33, pl. I, figs. 1-3
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
Tudicula planimarginata n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 33, pl. I, figs. 1-3
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey
Tulotoma thompsoni (White) Stanton
U. S. Geol. Sur. Prof. Pauer 98, 1916, p. 318, pl. LXXXIII, figs. 9-11
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
Turbinella alabamaensis (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 768, pl. XCI, figs. 1-6
Formation:Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey;Alabama
— **intermedia** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 767, pl. XC, figs. 18-22
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— ? **parva** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 80, pl. IX, figs. 4-6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **parva** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 80, pl. IX, figs. 4-6
Formation: Cretaceous, Lower Green Marls
Location: Monmouth County, New Jersey
— **parva** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 770, pl. XC, figs. 23-24
Formation: Cretaceous, Navesink marl
Location: New Jersey
— ? **subconica** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 81, pl. IX, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **subconica** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 81, pl. IX, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: Monmouth County, New Jersey
— **subconica** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 771, pl. XCI, figs. 11-12
Formation: Cretaceous, Navesink marl
Location: New Jersey
— ? **verticalis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 82, pl. III, figs. 14, 15
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **verticalis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 82, pl. III, figs. 14, 15

Formation: Cretaceous, Lower Green Marls
Location: Burlington and Upper Freehold, New Jersey

Turbinopsis (Conrad) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 98, no pl.
Geol. Sur. N. J., vol. 2, 1892, p. 98, no pl.

— **angulata** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 101, pl. XII, figs. 17, 18
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **angulata** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 101, pl. XII, figs. 17, 18
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey

— **angulata** (Whitfield) Weller
U. S. Geol. Sur. N. J. Pal., vol. 4, 1907, p. 796, pl. XCVIII, figs. 12, 13
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **curta** n. sp. Whitfield
Geol. Surv. N. J. vol. 2, 1892, p. 102, pl. XII, figs. 3 - 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **curta** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 102, pl. XII, figs. 3-6
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks and Trenton Falls, New Jersey

— ? **curta** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 798, pl. XCVIII, figs. 4-5
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **depressa** (Gabb) Weller
Geol. Sur. N. J. Pal., vol, 4, 1907, p. 794, pl. XCVIII, figs. 6-11
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey

— **elevata** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 102, pl. XII, figs. 10-14
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **elevata** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 102, pl. XII, figs. 10-14
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey

— ? **elevata** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 797, pl. XXXIII, figs. 14, 15
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **hilgardi** ? (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 100, pl. XII, figs. 7-9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Mississippi

— **hilgardi** ? (Conrad) Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 100, pl. XII, figs. 7-9
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, Holmdel and Monmouth County, New Jersey

— **major** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 103, pl. XII, figs. 15, 16, 21-23
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **major** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 103, pl. XII, figs. 15, 16, 21-23
Formation: Cretaceous, Lower Green Marls
Location: Navesink Hills, New Jersey

— **major** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 799, pl. LXXXIII, figs. 7-8
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **plicata** n. sp. Whitfield
Geol. Sur. N. J. vol. 2, 1892, p. 104, pl. XII, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey

— **plicata** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 104, pl. XII, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey

Turbo beneclathratus n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 88, pl. XIX, figs. 10, 11
Formation: Jurassic
Location: Malone, Texas

— **colusaensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 66, pl. XII, fig. 14
Formation: Cretaceous, Knoxville beds
Location: Wilbur Springs, Colusa County, California

— ? **humerosus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 67, pl. XII, figs. 10, 11
Formation: Cretaceous, Knoxville beds
Location: Lowerys, Tehama County, California

— **morganensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 66, pl. XII, fig. 13
Formation: Cretaceous, upper part of Knoxville beds
Location: Morgan Valley, Lake County, California

— **paskentaensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 64, pl. XII, figs. 5, 6
Formation: Cretaceous, 3,000 feet below the top of Knoxville beds
Location: Paskenta, Tehama County, California

— **trilineatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 65, pl. XII, fig. 12
Formation: Cretaceous, upper Knoxville beds
Location: Lowerys, Tehama County, California

— **wilburensis** n. sp. Stanton
U. S. Geol. Bull. 133, 1895, p. 65, pl. XII, fig. 15
Formation: Cretaceous, Knoxville beds

Location: Wilbur Springs, Colusa County, California
Turbonilla ? cordensis Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 34, pl. VI, figs. 8a, 8b
Formation: Cretaceous, Cannonball
Location: Almont, North Dakota
Turnus kümmeli n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 652, pl. LXXIV, figs. 4-6
Formation: Cretaceous, Marshalltown clay-marl, Merchantville clay-marl
Location: New Jersey
Turricula bacata Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 46, pl. IX, figs. 4, 5
Formation: Cretaceous, Cannonball
Location: Cannonball River near Kayser, N. Dakota; Heart River near Almont, N. Dakota
— **cincta** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 46, pl. IX, figs. 6a, 6b
Formation: Cretaceous, Cannonball
Location: Heart River near Almont, N. Dakota; Cannonball River near Kayser, N. Dakota
— ? **contorta** (M. & H.) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 47, pl. IX, figs. 7, 8
Formation: Cretaceous, Cannonball
Location: Moreau River, S. Dakota; Heart River near Flasher, N. Dakota; Heart River near Almont. N. Dakota; near Kayser, N. Dakota
— **jonesburgensis** (Stanton) n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 45, pl. IX, figs. 2a, 2b
Formation: Cretaceous, Cannonball
Location: Cannonball River near Jonesburg, N. Dakota
— **leda** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 93, pl. XI, fig. 7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **leda** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 93, pl. XI, fig. 7
Formation: Cretaceous, Lower Green Marls
Location: Freehold, New Jersey
— **leda** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 790, pl. XCVII, fig. 9
Formation :Cretaceous, Navesink marl
Location: New Jersey
— **reileyi** n. sp. Whitfield
Geol. Sur.N. J., vol. 2, 1892, p. 92, pl. XI, fig. 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **reileyi** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 92, pl. XI, fig. 8
Formation: Cretaceous, Lower Green Marls
Location: Freehold, New Jersey
— **reileyi** (Whitfield) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 791, pl. XCVII, fig. 10
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **scalariformis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 95, pl. XI, fig. 9
Formation: Cretaceous, Lower Green sand
Location: New Jersey

— **scalariformis** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 95, pl. XI, fig. 9
Formation: Cretaceous, Lower Green sand
Location: Holmdel, New Jersey

— **scalariformis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 789, pl. XCVII, fig. 11
Formation: Cretaceous, Navesink marl
Location: New Jersey

— **textilis** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 46, pl. IX, figs. 3a, 3b
Formation: Cretaceous, Cannonball
Location: Cannonball River near Kayser, N. Dakota

Turrilites bosquensis n. sp. Adkins
Univ. of Texas Bull. 1856, 1918, p. 76, pl. III, figs. 3, 7
Formation: Cretaceous, Middle of Del Rio Clay
Location: Near Waco, Texas

— **brazoensis** (Rœmer) Lasswitz
Geol. and Pal. Abh. N. F. 6, Heft. 4, 1904, p. 13, Taf. II (XIV), fig. 2
Formation: Cretaceous
Location: Texas

— **brazoensis** (Rœmer) Whitney
Univ. of Texas Bull. 184, 1911, p. 24, pl. XII, fig. 1
Formation: Cretaceous, Buda
Location: Shoal and Barton creeks, Austin, Texas

— **brazoensis** (Rœmer) Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 24, pl. XII, fig. 1
Formation: Cretaceous, Buda limestone
Location: Barton and Shoal creeks, Austin, Texas

— **brazoensis** (Rœmer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 45, pl. VII, figs. 14-15
Formation: Cretaceous, Mainstreet
Location: Oklahoma and Texas

— **charlottensis** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 271, pl. XXXIV.
Formation: Cretaceous
Location: Skidegate Inlet at Bearskin Bay; Maple Island; north side of Cumshewa Inlet of Queen Charlotte Islands

— **pauper** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 268, pl. XLV, figs. 1-5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **pauper** n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 268, pl. XLV, figs. 1-5
Formation: Cretaceous, Lower Green Marls
Location: Navesink, New Jersey

— **pauper** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 834, pl. CVIII, figs. 1-4
Formation: Cretaceous, Marshalltown clay-marl, Wenonah sand, Navesink marl
Location: New Jersey

— **peramplus** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 14, Taf. II (XIV), figs. 1a, 1b
Formation: Cretaceous
Location: Texas

— **roemeri** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 24, pl. XII, figs. 2, 3
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin Texas

— **roemeri** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 24, pl. XII, figs. 2, 3
Formation: Cretaceous
Location: Barton and Shoal creeks, Austin, Texas

— sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 78, pl. III, figs. 2, 4
Formation: Cretaceous, Pawpaw clay
Location: Texas

— sp. B. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 45, pl. VII, figs. 7, 8
Formation: Cretaceous, Pawpaw, Mainstreet and Grayson
Location: North Texas

— sp. indt. (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 272, no pl.
Formation: Cretaceous
Location: Skidegate Inlet, Queen Charlotte Islands

— **worthensis** (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 78, pl. III, figs. 1, 6
Formation: Cretaceous, Pawpaw
Location: Denton to Johnson County, Texas

— **worthensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 44, pl. VII, figs. 10, 11, 13
Formation: Cretaceous, Pawpaw
Location: Fort Worth, Texas

— **Wysogorskii** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 15, Taf. I (XIII). fig. 5
Formation: Cretaceous
Location: Texas

Turris (Bolton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 414, no pl.

— **cordensis** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 45, pl. VIII, fig. 12
Formation: Cretaceous, Cannonball

Location: Heart River near Almont, N. Dakota
— **lloydi** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 45, pl. VIII, fig. 16
Formation: Cretaceous, Cannonball
Location: Cannonball River near Leigh, N. Dakota; Heart River near Manden, N. Dakota
— **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 418, pl. XIV, figs. 3, 4
Formation: Cretaceous, Monmouth
Location: Maryland
—**sedesclara** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 418, pl. XIV, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland
— **terramaria** n. sp, Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 416, pl. XIV, fig. 6
Formation: Cretaceous, Monmouth
Location: Maryland
— ? **tormentaria** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 45, pl. IX, figs. 1a, b
Formation: Cretaceous, Cannonball
Location: Cannonball River near Kayser, N. Dakota
Turris welleri n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 417, pl. XIV, fig. 7
Formation: Cretaceous, Monmouth
Location: Maryland
Turritella (Lamark) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 486, no pl.
— **austinensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 16, pl. IV, figs. 3, 4
Formation: Cretaceous, Georgetown limestone
Location: Shoal Creek, Austin, Texas
— **bartonensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 9, pl. II, figs. 1, 2, 3
Formation: Cretaceous, Buda limestone
Location: Shoal and Barton creeks, Austin, Texas
— **belvideri** n. sp. Cragin
Sci. New. Ser. vol. 6, 1897, p. 134, no pl.
Formation: Cretaceous, Kiowa
Location: Kansas
— **bonaspes** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 487, pl. XVII, fig. 10
Formation: Cretaceous, Magothy
Location: District of Columbia, Maryland
— **bonnellensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 17, pl. IV, figs. 5, 6
Formation: Cretaceous, Georgetown limestone
Location: East side of Mt. Bonnell and Shoal Creek, Austin, Texas
— **Bravœnsis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 149, Lám. XXXI, figs. 8, 9; Lám. XXXII. figs. 1, 2

Formation: Vraconian
Location: Cerro Muleros
— **budænsis** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 31, pl. XIX, figs. 4-6
Formation: Cretaceous
Location: Shoal, Bouldin and Barton creeks, Austin, Texas; Onion Creek, Buda, Texas
— **budænsis** (Shattuck) Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 10, pl. II, figs. 4-6
Formation: Cretaceous, Buda limestone
Location: Manchaca, Round Rock, Buda, Austin, Texas
— **burkarti** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 92, pl. XX, fig. 5
Formation: Jurassic
Location: Malone, Texas
— **bybeei** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, p. 7, pl. I, figs. 1, 2
Formation: Cretaceous, Buda limestone
Location: Round Rock, Texas
— **Cardenasensis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 62, Lám. XIII, figs. 4-6, 10-13; Lám. XIV, fig. 3
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico
— **coalvillensis** (Meek) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 230, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Near Lewisville, Texas
— **compacta** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 142, pl. XVIII, figs. 8, 9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **compacta** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 142, pl. XVIII, figs. 8, 9
Formation: Cretaceous, Lower Green Marls
Location: Vincentown, New Jersey
— **delmar** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 487, pl. XVII, figs. 3, 4
Formation: Cretaceous, Matawan
Location: Maryland
— **denisonensis** n. sp. Cragin
Colo. Coll. Studies, 4 Ann. Rept., 1894, p. 65. no pl.
Formation: Cretaceous, Choctaw limestone
Location: Near Denison, Texas
— **encrinoides** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 143, pl. XVIII, figs. 19-22
Formation: Cretaceous, Lower Green Marls
Location: New Jersey! Alabama
— **encrinoides** (Morton) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 143, pl. XVIII, figs. 19-22
Formation: Cretaceous, Lower Green Marls

Location: New Jersey
— **encrinoides** (Morton) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 694, pl. LXXVIII, figs. 10-13
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
— **encrinoides** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 492, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Delaware; New Jersey; Maryland
— **felteri** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 11, pl. II, figs. 7, 8
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **galisteoensis** n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 200, pl. I, fig. 5
Formation: Cretaceous, Fort Pierre age
Location: Galisteo Valley, New Mexico
— **galisteoensis** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 128, pl. I, fig. 5
Formation: Cretaceous, Ft. Pierre
Location: Galisteo Valley, New Mexico
— **georgetownensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 15, pl. IV, figs. 1, 2
Formation: Cretaceous, Georgetown limestone
Location: Shoal Creek, Austin, Texas
— **granulata** (Sow., var. **cenomanensis** d'Orbigny) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 147, Lám. XXXI, figs. 3-5, 7, 10-12
Fomation: Lower Cenomanian
Location: Cerro Muleros
— ? **granulicostata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 144, pl. XVIII, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— ? **granulicostata** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 144, pl. XVIII, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: Burlington County, New Jersey
— ? **granulicosta** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 696, pl. LXXIX, figs. 15-17
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **graysonensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 140, pl. X, fig. 43
Formation: Cretaceous, Weno, Pawpaw
Location: Denison, Texas
— **hardimanensis** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 145, no pl.
Formation: Lower Cretaceous

Location: New Jersey
— hardimanensis (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 145, no pl.
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **haresi** n. sp. (Stanton) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 37, pl. VI, fig. 12
Formation: Cretaceous, Cannonball
Location: Cedar Creek, North Dakota
— **jerseyensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 702, pl. LXXIX, figs. 2, 3
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
— **knikeri** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 12, pl. III, figs. 5, 6
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— **lenolensis** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 698, pl LXXVIII, fig. 8.
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey
— **lippincotti** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 145, pl. XVIII, figs. 23, 24
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **lippencotti** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 145, pl. XVIII, figs. 23, 24
Formation: Cretaceous, Lower Green Marls
Location: New Egypt, at upper Freehold, Holmdel and Walnford, New Jersey
— **lippincotti** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 698, pl. LXXIX, fig. 1
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **lorillardensis** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 703, pl. LXXIX, figs. 10-12
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **mabriensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 18, pl. IV, fig. 8
Formation: Cretaceous, Gorgetown limestone
Location: Camp Mabry and Barton Creek, Austin, Texas
— **manchacensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 12, pl. III, figs. 3, 4
Formation: Cretaceous, Buda limestone
Location: Manchaca, Texas
— **marshalltownensis** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 705, pl. LXXIX, fig. 14
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey

— **merchantvillensis** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 704, pl. LXXIX, fig. 13
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
— **micronema** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 131, pl. XXIX, fig. 3
Formation: Cretaceous
Location: Coalville, Utah
— **moorei** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 14, pl. III, fig. 7, 8
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
— cfr. **nodosa** (Stoliczka) (Rœmer) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 150, Lám. XXXI, fig. 13
Formation: Vraconian
Location: Cerro Muleros
— **paravertebroides** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 488, pl. XVII, fig. 1
Formation: Cretaceous, Monmouth
Location: Pricen George's County, Maryland
— **potosiana** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 62, Lám. XV, figs. 2, 4, 8-10
Formation: Cretaceous, Lower Senonian
Location: On Tampico to San Luis Potosi Railroad, Mexico
— **pescaderœnsis** n. sp. Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 358, pl. XXXI, fig. 7
Formation: Cretaceous, Chico
Location: San Mato County, California
— **planilateris** (Conrad) Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 18, pl. IV, fig. 7
Formation: Cretaceous, Georgetown limestone
Location: Austin, Texas
— **pumila** ? (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 187, pl. XXIII, figs. 5, 6
Formation: Cretaceous, Upper Green Marls
Location: New Jersey
— **pumila** ? (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 187, pl. XXIII, figs. 5, 6
Formation: Cretaceous, Upper Green Marls
Location: Vincentown, New Jersey
— **quadrilira** n. sp. Johnson
Phila. Acad. Nat. Sci. Proc., 1898, p. 463, no fig.
Formation: Cretaceous
Location: New Jersey
— **quadrilira** (Johnson) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 695, pl. LXXVIII, fig. 7
Formation: Cretaceous, Cliffwood clay, Woodbury clay
Location: New Jersey
— **renauxiana** (d'Orbigny) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 231, no pl.

Formation: Cretaceous, Lower Cross Timber Sandstone
Location: On Timber Creek, Denton County, Texas

— seriatim—granulata (Rœmer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 231, no pl.
Formation: Cretaceous, Comanchean
Location: 3 miles east of Fort Worth, Texas

— **shippi** n. sp. Ellisor
Univ. of Texas Bull| No. 1840, 1918, p. 13, pl. III, figs. 1, 2
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas

— **simondsi** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 16, pl. III, figs. 9, 10
Formation: Cretaceous, Georgetown limestone
Location: Austin, Texas

— sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 69, no pl.
Formation: Cretaceous, Knoxville beds
Location: Cottonwood Creek, California

— sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 630, no pl.
Formation: Jurassic
Location: Yellowstone National Park

— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 483, pl. XXXV, fig. 7
Formation: Jurassic
Location: "Kloft II". "Kloft I" Store Koldewey

— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10, 1911, p. 483, pl. XXXV, fig. 7
Formation: Jurassic
Location: "Kloft II", Kloft I" Store Koldewey

— **tippana** (Conrad) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 700, pl. LXXIX, figs. 6-7
Formation: Cretaceous, Marshalltown marl
Location: New Jersey; Mississippi

— **tippana** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 491, no pl.
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland, New Jersey; Mississippi

— **tricarinata** n. sp. Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. IV, 1914, p. 81, pl. I, fig. 3
Formation: Cretaceous
Location: Queen Charlotte Islands

— **trilira** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 699, pl. LXXIX, figs. 4-5
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Alabama; Mississippi; Texas; Arkansas

— **trilira** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 489, no pl.
Formation: Cretaceous, Matawan, Monmouth, Black Creek, Pee-

dee, Eutaw, Ripley, Selma, Annona, Arkadelphia, Taylor and Navarro
Location: New Jersey; Maryland; North and South Carolina; Georgia; Mississippi; Alabama; Arkansas; Texas

— **vertebroides** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 693, pl. LXXVIII, figs. 14-17
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama

— **vertebroides** (Morton) Whitfield
Geol. Sur. of N. J., vol. 2, 1892, p. 146, pl. XVIII, figs. 13-18
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama

— **vertebroides** (Morton) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 146, pl. XVIII, figs. 13-18
Formation: Cretaceous, Lower Green Marls
Location: Upper Freehold, New Egypt, Tinton Falls, New Jersey

— **Vibrayeana** (d'Orbigny) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 145, Lám. XXX, fig. 10; Lám. XXXI, fig. 6
Formation: Vraconian
Location: Chihuahua

— **Waitzi** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 64, Lám. XIV, fig. 7; Lám. XV, fig. 1
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico

— **washitensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 9, pl. I, figs. 5, 6
Formation: Cretaceous, Buda limestone
Location: Onion Creek, Austin, Texas

— **whitei** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 130, pl. XXVIII, figs. 12-16
Formation: Cretaceous, Pugnellus sandstone
Location: Upper Kanab valley, Utah; Huerfano park, Colorado; on Arkansas River above Pueblo, Colorado

— **whitei** (Stanton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 459, pl. XCIX, figs. 1-5
Formation: Cretaceous, Fort Benton limestone
Location: Kansas

— **whitei** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, p. 210, pl. XXVIII, fig. 6
Formation: Cretaceous
Location: Albuquerque Mesa, New Mexico

— **whitei** var. **stantoni** n. var. Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 64
Formation: Cretaceous, Fort Benton
Location: New Mexico

— **whitneyi** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 8, pl. I, figs. 3, 4
Formation: Cretaceous, Buda limestone

Location: Shoal Creek, Austin, Texas
— **worthensis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 142, pl. X, fig. 42
Formation: Cretaceous, Weno
Location: Fort Worth, Texas
Tusoteuthis n. gen. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 497, no pl.
Formation: Cretaceous, Niobrara
Location: Kansas
— **longus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 497, pl. CX, fig. 1
Formation: Cretaceous, Niobrara, Hesperornis beds
Location: Smoky Hill River, Kansas
Tylostoma see **Globiconcha**
— **Chihuahuense** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 144, Lám. XXX, fig. 13; Lám. XXXI, figs. 1-2
Formation: Vraconian
Location: Chihuahua
— **harrisi** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 20, pl. X, figs. 12-14
Formation: Cretaceous, Buda
Location: Shoal and Barton creeks, Austin, Texas
— **harrisi** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 20, pl. X, figs. 12-14
Formation: Cretaceous, Buda limestone
Location: Shoal and Barton creeks, Austin, Texas
— **hilli** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 20, pl. VIII, figs. 1, 2; pl. IX
Formation: Cretaceous, Buda
Location: Shoal and Barton creeks, Austin, Texas
— **hilli** n. sp. Whitney
Texas, Acad. Sci. Trans., vol. 12, 1913, p. 20, pl. VIII, figs. 1, 2; pl. IX
Formation: Cretaceous, Buda limestone
Location: Barton and Shoal creeks, Austin, Texas
— ? **mutabilis** (Gabb) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 232, no pl.
Formation: Cretaceous, top of Texana beds
Location: 2½ miles east of Benbrook, Texas
— aff. **ovatum** (Sharpe) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 232, pl. XX, fig. 3
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico
— **pedernalis** (Rœmer) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 33, pl. VI, fig. 2
Formation: Cretaceous, Glen Rose
Location: Arkansas; Texas; Mexico
Torrubiæ (Sharpe) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 143, Lám. XXX, figs. 11-12
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Formation: Vraconian
Location: Chihuahua
Uintacrinus Springer
Amer. Geol., vol. 24, 1899, p. 92–Describes peculiar features of **Uintacrinus**
Formation: Niobrara chalk
— **socialis** (Grinnell) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 21, pl. I, figs. 1a-e; pl. II, figs. 1a-e
Formation: Cretaceous, Niobrara group
Location: Utah: Kansas
— **socialis** (Grinnell) Hill
Kan. Univ. Quart., vol. 2, 1893, p. 20
Formation: Cretaceous, Niobrara chalk
Location: Kansas
— **socialis** (Grinnell) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 52, no pl. (no description)
Formation: Cretaceous
Location: Utah; Kansas
— **socialis** (Grinnell) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 481-83, pl. LXXI, CXII, CXIII
Formation: Cretaceous, Lower Hesperornis beds
Location: Kansas
— **socialis** (Grinnell) Springer
Harv. Coll. Mus. Comp. Zool. Mem., vol. 25, No. 1, 1901, pp. 1-89, pls. 1-8
Formation: Cretaceous
Location: Kansas
— **socialis** (Grinnell) Hovey
Amer. Mus. Nat. Hist. Journ., vol. 2, 1902, p. 11, 2 plates
Formation: Upper Cretaceous
Location: Kansas
— **socialis** (Grinnell) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 36, pl. VI, figs. 3a-h; pl. VII, figs. 1a-e
Formation: Cretaceous, Niobrara chalk
Location: Minta mountains, Utah; Kansas
— sp. Whiteaves
Amer. Jour. Sci., 4th ser., vol. 18, 1904, p. 287-289, no fig.
Formation: Cretaceous, Nanaimo group
Location: Vancouver Island, British Columbia
Undulatæ Agrassiz
Type: **Trigonia litterata** (Young and Bird) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 15, pl. 1, fig. 5
Formation: Jurassic
Unicardium ? semirotundum n. sp Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 76, pl. XII, figs. 9-11
Formation: Jurassic
Location: Malone, Texas
— **? transversum** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 76, pl. XII, figs. 7, 8

Formation: Jurassic
Location: Malone, Texas
— **umbonata** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 569, pl. LXII, figs. 16, 17
Formation: Cretaceous, Marshalltown clay-marl, Navesink marl
Location: New Jersey
Unio æsopiformis n. sp. Whitfield
Amer. Mus. Nat, Hist. Bull., vol. 19, 1903, p. 483, pl. XXXVIII, figs. 1-5
Formation: Cretaceous, Laramie group
Location: Snow creek,Montana
— **amarillensis** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 313, pl. LXXX, figs. 8, 9
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **baileyi** n. sp. Logan
Kan. Univ. Quart., vol. 9, 1900, p. 134, pl. XXXI, figs. 4, 6, 8, 11
Formation: Jurassic
Location: Freeze-out hills, Wyoming
— **barbouri** n. sp. White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 133, pl. VIII, figs. 1-3
Formation: Cretaceous, Dakota formation
Location: Jefferson County, Nebraska
— **baueri** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXI, fig. 6
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **belli plicatus** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 34, pl. II, figs. 4-6
Formation: Cretaceous, Bear River
Location: Sulphur Creek
— **biesopoides** n. sp. Whitfield
Amer Mus. Nat. Hist. Bull. 23, 1907, p. 624, pl. XI, fig. 7; pl. XLI, fig. 8
Formation: Cretaceous, Laramie
Location: Montana
— **brachiopisthus** (White) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 314, pl. LXXXI, figs. 2, 3
Formation: Cretaceous
Location: San Juan Basin, New Mexico
— **brimhallensis** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXI, fig. 7; pl. LXXXII, fig. 1
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **browni** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 485, pl. XXXVIII, figs. 8, 9
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
— **corbiculoides** n. sp. Whitfield

Amer. Mus. Nat. Hist. Bull., 23, 1907, p. 627, pl. XLI, figs. 6 & 7
Formation: Cretaceous, Laramie
Location: Montana

—consuetus (Whiteaves) Stanton
U. S. Geol. Sur. Bull. 257, 1905, p. 110, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **cryptorhynchus** (White) Stanton
U. S. Geol. Sur. Bull. 257, 1905, p. 109, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **cylindricoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 626, pl. XXXVIII, fig. 1-7; pl. XXXIX, figs.1-3
Formation: Cretaceous, Laramie
Location: Montana

— **danæ** (M. & H.) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 108, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— **dockumensis** n. sp. Simpson
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 385, fig. 5
Formation: Triassic
Location: Garza and Dickens counties, Texas

— **douglassi** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 195, pl. IV, figs. 3, 4
Formation: Cretaceous
Location: Harlowton, Montana

— **dowlingi** n. sp. McLean
Canada Dept. Mines Mus. Bull. 29, 1919, p. 11, pl. IV, fig. 2
Formation: Cretaceous, Dunvegan formation
Location: Peace River, Alberta

— **dumblei** n. sp. Simpson
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 383, fig. 3
Formation: Triassic
Location: Dickens County, Texas

— **emersoni** n. sp. Troxell
Amer. Journ. Sci., 4th Ser. vol. 38, 1914, p. 460, fig. 1, 2a, b, c, and 3
Formation: Upper Triassic
Location: Wilbraham, Mass.

— **farri** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 194, pl. IV, figs. 1, 2
Formation: Cretaceous
Location: Harlowton, Montana

— **gardneri** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 314, pl. LXXX, figs. 10, 11
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico

— **gibbosoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 625, pl. XL, fig. 1,2
Formation: Cretaceous, Laramie

Location: Montana
— **graciliratus** n. sp. Stanton
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 384, fig. 4
Formation: Triassic
Location: Dickens County, Texas
— **holmesianus** (White) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 312, pl. LXXX, figs. 1-7
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **knighti** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 134, pl. XXXI, figs. 7, 9
Formation: Jurassic
Location: Freeze-out hills, Wyoming
— **letsoni** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 627, pl. XLII, figs. 1-4
Formation: Cretaceous, Laramie
Location: Montana
— **nanaimoensis** n. sp. Whiteaves
Ottawa Nat., vol. 14, 1901, p. 177, figs. 1, 1a
Formation: Cretaceous
Location: Vancouver
— **nanaimoensis** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 385, text figs. 26, 27
Formation: Cretaceous
Location: Graham Island; Naniamo and Comox coalfields, Wellington Collery of the Queen Charlotte Islands
— **neomexicanus** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXI, figs. 4, 5
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **patapscoensis** n. sp. Clark
Maryland Geol. Sur., U. Cret., 1911, p. 213, pl. XXI, fig. 7
Formation: Cretaceous, Patapsco
Location: Fairfax County, Virginia
— **percorrugata** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 486, pl. XL, figs. 3-9
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
— **postbiplicata** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 487, pl. XXXIX, figs. 1-11
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
— **primævus** (White) Stanton
U. S. Geol. Sur. Bull. 257, 1905, p. 110, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **priscus** (M. & H. ?) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 108, pl. XII, fig. 1
Formation: Cretaceous, Judith River beds

Location: Montana
— **priscus** var. **abbreviatus** n. sp. var. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 108, pl. XII, figs. 2-4
Formation: Cretaceous, Judith River beds
Location: Montana
— **pyramidatoides** n. sp. Whitfield
Amer Mus. Nat. Hist. Bull., No. 23, 1907, p. 624, pl. XLI, figs. 1-5
Formation: Cretaceous, Laramie
Location: Montana
— **pyramidatoides** (Whitfield ?) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 313, pl. LXXX, figs. 12, 13
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **pyramidellus** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 625, pl. XL, figs. 3, 4
Formation: Cretaceous, Laramie
Location: Montana
— **reesidei** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 314, pl. LXXXI, fig. 1
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **rectusoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 485, pl. XXXVIII, figs. 6, 7; pl. XL, figs. 1, 2
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
— **senectus** (White) Stanton
U. S. Geol. Sur. Bull. 257, 1905, no pl.
Formation: Cretaceous
Location: Dog Creek, Montana
— sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXII, figs. 2, 3
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
— **subplanatus** n. sp. Simpson
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 383, figs. 1, 2
Formation: Triassic
Location: Dickens County, Texas
— **subspatulatus** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 107, pl. XIII, fig. 1
Formation: Cretaceous, Judith River beds
Location: Montana
— **subtrigonalis** n. sp. Whitfield
Amer. Mus Nat. Hist. Bull. 23, 1907, p. 626, pl. XL, figs. 5a, 5b
Formation: Cretaceous, Laramie
Location: Montana
— **supenawensis** n. sp. (Stanton) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 109, pl. XIII, figs. 2, 3
Formation: Cretaceous, Judith River beds
Location: Montana

Unio supragibbosus (Whiteaves) Stanton
U. S. Geol. Sur. Bull 257, 1905, p. 110, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— **verrucosiformis** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 484, pl. XL, fig. 10
Formation. Cretaceous, Laramie group
Location: Snow Creek, Montana
— **vetustus** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 35, pl. III, figs. 1-4
Formation: Cretaceous, Bear River
Location: Wyoming
— **willistoni** n. sp. Logan
Kansas. Univ. Quart., vol. 9, 1900, p. 110, no pl.
Formation: Jurassic
Location: Freeze-out hills, Wyoming
— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 110, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
— doubtful species, White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 133, pl. VIII, figs. 4, 5
Formation: Cretaceous, Dakota
Location: Jefferson County, Nebraska
— sp. indt Stanton
U. S. Geol. Sur|, Mon. 32, pt. 2, 1899, p. 632
Formation: Cretaceous
Location: Yellowstone National Park
— sp. ? Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 95, pl. XXII, fig. 1
Formation: Cretaceous, Colorado
Location: Glendale, Utah
Urceolabrum n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, pt. 3, 1916, p. 470
— **tuberculatum** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, pt. 3, 1916, p. 470, pl. XXIV, figs. 6, 7
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
Ussuria (Diener gen.) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 88, no pl.
Formation: Triassic
Location: California
— **compressa** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 89, pl. III, figs. 6-11
Formation: Triassic
Location: California
— **waageni** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 90, pl. LXV, figs. 1-5; pl. LXVI, fig. 12; pl. LXVII, figs. 1, 2; pl. LXXV, figs. 1-8
Formation: Triassic

Location: Idaho
— **waageni** Hyatt and Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XI, figs. 1-14
Formation: Triassic
Location: Idaho
Uvigerina asperula (Czjzek) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 39, pl. D, fig. 10
Formation: Cretaceous
Location: Nebraska
— **canariensis** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 39, pl. D, fig. 9
Formation: Cretaceous
Location: Minnesota; Nebraska
Vaginulina legumen (Linné sp.). Woodward
New York Microscopical Soc., Journ., vol. 10, No. 4, 1894, p. 116
Formation: Cretaceous
Location: Mullica Hill, New Jersey
— **legumen** (Linné) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 53, pl. IV, fig. 4
Formation: Cretaceous, Matawan, and Rancocas
Location: New Jersey
— **legumen** (Linné) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 234, pl. II, fig. 33
Formation: Cretaceous, Marshalltown clay marl
Location: Marshalltown, New Jersey
— **linearis** (Montagu sp.) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 117
Formation: Cretaceous
Location: Mullica Hill, New Egypt, Crosswick's Creek, Bruer's pit
— **strigillata** (Ruess) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 53, pl. IV, fig. 3
Formation: Cretaceous, Monmouth
Location: New Jersey
— **strigillata** (Ruess) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 235, pl. II, figs. 3, 4
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
Valatella see **Neritina**
Valvata leei n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 133, pl. XXXI, figs. 1-3
Formation: Jurassic
Location: Freeze-out hills, Wyoming
— ? **montanaensis** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 115, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
Vanikora propinqua n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 65, no pl.

Formation: Cretaceous, Kiowa shales
Location: Near Belvidere, Kansas

— **pulchella** var. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 365, no pl.
Formation: Cretaceous
Location: Departure Bay, Vancouver Island; Texado Island

Vanikorpsis toumeyana (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 210, pl. XXIX, fig. 4
Formation: Cretaceous
Location: In Santa Fe marls west of Albuquerque mesa, New Mexico

Vascoceras (Choffat) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 213
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico

Vascoceras n. sp. ex. aff. v. **adonense** (Choffat) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 214, pl. XIV, fig. 4; pl. XVII, fig.2
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico

— **angermanni** n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 217, pl. XVI, figs. 1-4; pl. XVII, fig. 1
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico

— aff. **gamai** (Choffat) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 216, pl. XV, figs. 3-5
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico

— **mohovanense** n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 219, pl. XVIII, figs. 1-2
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico

— sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 218, pl. XVIII, fig. 12
Formation: Cretaceous, Turonian (Salmurian)
Location: Mexico

Vasum conoides n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 83, pl. IX, figs. 9, 10
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

— **conoides** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 83, pl. IX, figs. 9, 10
Formation: Cretaceous, Lower Green Marls
Location: Walnford, New Jersey

— **conoides** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 773, pl. XC, figs. 9, 10
Formation: Cretaceous, Navesink marl
Location: New Jersey

Velatella see **Neritina**

Venericardia (Lamarck) Gardner

Maryland Geol. Sur., U. Cret., 1918, p. 657, no pl.
Formation: Cretaceous
— **wenoensis** n. sp. Adkins
Univ of Texas Bull. No. 1856, 1918, p. 125, pl. VI, fig. 2
Formation: Cretaceous, Weno
Location: Near Fort Worth and Gainseville, Texas
Veniella (Stoliczka) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 642, no pl.
— **conradi** (Morton) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 534, pl. LVIII, figs. 18 19
Formation: Cretaceous, Merchantville clay-marl, Wenonah sand, Navesink sand, Red Bank sand, Tinton beds
Location: New Jersey; Alabama; Mississippi
— **conradi** (Morton) Gardner
Formation: Cretaceous, Magothy, Matawan, Monmouth, Black
Maryland Geol. Sur., U. Cret., 1916, p. 643, pl. XXXVIII, figs. 2-7
Creek, Eutaw, Selma, Ripley
Location: Delaware; Maryland; New Jersey; North and South Carolina; Georgia; Mississippi; Alabama
— ? **decisa** (Morton) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 540, pl. LVIII, figs. 25-26
Formation: Cretaceous, Hornerstown ?
Location: New Jersey
— **goniophora** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 105, pl. XXIII, fig. 5
Formation: Cretaceous, Fort Benton group
Location: On Missouri River, near Fort Benton, Montana
— **goniophora** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXIX, fig. 5, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
— **mortoni** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 104, pl. XXIII, figs. 6-9
Formation: Cretaceous, Fort Benton shales
Location: Chippewa point near Fort Benton, Montana; on Arkansas River, 20 miles west of Pueblo, Colo.
— **mortoni** (M. & H.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXIX, figs. 6-9, (no description)
Formation: Cretaceous
Location: New Mexico
— ? **rhomboidea** (Conrad) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 538, pl. LVIII, figs. 22-24
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— sp. Harris and Veach
Geol. Sur. La. Rep., 1899, p. 295, pl. L, fig. 8
Formation: Cretaceous
Location: Rayburn's salt works, Bienville parish, Louisiana
— **trigona** (Gabb) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 537, pl. LIX, figs. 1-3
Formation: Cretaceous, Navesink marl, Tinton beds
Location: New Jersey; Alabama; Texas
Venus malonensis n. sp.
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 216, pl. XXV, figs. 1, 2
Formation: Cretaceous, Comanche series
Location: Northeast of Malone, Texas
Vermetus (Adamson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 483, no pl.
—**circularis** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 483, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland
— **(Burtinella) cornejoi** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 12, Lám. VI, figs. 5-7
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico
— **cornejoi** (Castillo) Anguilera
U. S. Geol. Sur. Bull. 266, 1905, p. 92, pl. XX, fig. 6
Formation: Jurassic
Location: Malone, Texas
Verneuilina polystropha (Ruess) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 30, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
— **polystropha** (Ruess) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 195, pl. I, figs. 20-21
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
— **pygmæa** (Egger) sp. Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur. Final Rept., vol. 3, pt. 1, 1895, p. 32, pl. C, figs. 17, 18
Formation: Cretaceous
Location: Nerbaska
— **triquetra** (Münster) sp. Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 97
Location: Mullica Hill, Timber Creek, New Jersey
— **triquetra** (Münster) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 30, pl. II, fig. 2
Formation: Cretaceous, Rancocas and Manasquan
Location: New Jersey
— **triquetra** (Münster) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 196, pl. I, fig. 22
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
Vetericardia crenalirata (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 566, pl. LXII, figs. 9, 10
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey
Vertumniceras (Buckman) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
Vicarya branneri n. sp. Hill

Wash. Biol. Soc. Proc., vol. 8, 1893, p. 34, pl. V, figs. 1-7
Formation: Cretaceous, Glenn Rose
Location: Arkansas; Texas
Virgatites mexicanus n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 115, Lám. XXXI, figs. 5-9
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 118, Lám. XXX, fig. 4; Lám. XXXII, fig. 2
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
— sp. indt, Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 39, Lám. XIV, figs. 1-3
Formation: Jurassic, Portlandian
Location: Cañon del Toboso, Mexico
Vitrina - obliqua (Meek andHayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
Vitrewebbina (Chapman) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 35, no pl.
Formation: Cretaceous
Location: New Jersey
— **lævis** (Sollas) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 35, pl. II, figs. 4a, 4b
Formation: Cretaceous, Rancocas
Location: New Jersey
— **lævis** (Sollas) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 205, pl. I. figs. 40-41
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
— **sollasi** (Chapman) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 35, pl. II, figs. 5a, 5b
Formation: Cretaceous, Rancocas
Location: New Jersey
— **sollasi** (Chapman) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 203, pl. I, figs. 38, 39
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Vitro-calcarea McClung
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 420-21, no pl.
Formation: Silurian to Recent
Viviparus arlingtonensis n. sp. Clark
Maryland Geol. Sur., Lower Cret., 1911, p. 212, pl. XXI, figs. 4, 5
Formation: Cretaceous, Arundel
Location: Anne Arundel County, Maryland
— **conradi** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

— (**Natica ?**) **cossatotensis** (Hill) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 32, no pl.
Formation: Cretaceous,
Location: Arkansas
— **couesi** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 59, pl. X, fig. 1
Formation: Cretaceous, Bear River
Location: 7 miles north of Evanston, Wyoming
— **hicksii** n. sp. White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 135, pl. VIII, figs. 11, 12
Formation: Cretaceous, Dakota
Location: Jefferson County, Nebraska
— **marylandicus** n. sp. Clark
Maryland Geol. Sur., Lower Cret., 1911, p. 212, pl. XXI, figs. 1-3
Formation: Cretaceous, Arundel
Location: Anne Arundel County, Maryland
— **montanaensis** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 195, pl. IV, fig. 5
Formation: Cretaceous
Location: Harlowton, Montana
— sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
Vola bellula n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 216, no pl.
Formation: Cretaceous
Location: Fort Worth and Austin, Texas
— **catherina** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 216, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: ⅛ mile southwest of Barton's Spring near Austin, Texas
— **duplicicosta** (Rœm.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 217, no pl.
Formation: Cretaceous, Shoal Creek limestone?
Location: Smith Mountain, Gillespie County, Texas
— **fredericksburgensis** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 52, no pl.
Formation: Cretaceous, Comanche Peak, Kiowa
Location: Texas; Kansas
— **irregularis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 97, Lám. XV, figs. 10-18
Formation: Vraconian
Location: Cerro de Muleros
— **quinquecostata** (Sow.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 99, Lám. XV, figs. 19-20
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **subalpina** Böse
Inst. Geol. de Méxaco, Bol. 25, 1910, p. 96, Lám. XV, figs. 5, 7, 8, 9

Formation: Upper Cenomanian
Location: Cerro de Muleros, Chihuahua and Tecolapa al Sur de Colima
— **texana** (Rœm.) Böse
Inst. Geol. de Méxaco, Bol. 25, 1910, p. 93, Lám. XV, fig. 3
Formation: Lower Cenomanian
Location: Cerro de Muleros
— **wrightii** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 217, pl. XXXII, figs. 2, 3
Formation: Cretaceous, Fort Worth limestone
Location: 3 miles above Roanoke in Williamson County, Texas
Voluta ? delawarensis (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 84, pl. X, figs. 5-7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **? delawarensis** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 84, pl. X, figs. 5-7
Formation: Cretaceous, Lower Green Marls
Location: From cut of Delaware and Chesapeake Canal, Deleware
? **Volutilithes Arizpensis** n. sp. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 24, Lám. I, figs. 6-13
Formation: Upper Senonian
Location: Coahuila
Volutilithes austinensis n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 22, pl. XI, fig. 1
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas
— **austinensis** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 22, pl. XI, fig. 1
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas
Volutoderma Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 89, no pl.
— **abbotti** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 173, pl. XXI, figs. 4-9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
— **abbotti** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 173, pl. XXI, figs. 4-9
Formation: Cretaceous, Middle Green Marls
Location: Timber Creek, New Jersey
— **abbotti** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 778, pl. XCII, figs. 1-2
Formation: Cretaceous, (Uncertain)
Location: New Jersey
— **biplicata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 90, pl. X, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **biplicata** (Gabb) Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 90, pl. X, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill and Burlington County, New Jersey
— **biplicata** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 775, pl. XCI, figs. 13-17
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Marshalltown clay-marl, Wenonah sand
Location: New Jersey
— ? **clatworthyi** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 260, pl. XIII, figs. 1, 2
Formation: Cretaceous, Fort Pierre
Location: Fossil Ridge, 7 miles south of Fort Collins, Colorado
— **intermedia** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 184, pl. XXIII, figs. 14, 15
Formation: Cretaceous, Upper Green Marls
Location: New Jersey
— **intermedia** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 184, pl. XXIII, figs. 14, 15
Formation: Cretaceous, Upper Green Marls
Location: Vincentown, New Jersey
— **intermedia** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 799, pl. XCII, fig. 3
Formation: Cretaceous, Manasquan marl
Location: New Jersey
— **ovata** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 91, pl. X, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **ovata** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 91, pl. X, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
— **ovata** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 776, pl. XCI, figs. 20-21
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **woolmani** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 774, pl. XCI, figs. 18-19
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
Volutomorpha (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 85, no pl.
— (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 85
— (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 426, no pl.
— **aspera** n. sp. Dall
Smith. Misc. Coll. vol. 50, 1907, p. 17, fig. 5
Formation: Cretaceous, Ripley
Location: Ripley, Mississippi
— **(Piestochilus) bella** (Gabb) Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 74, pl. VI, figs. 15-18
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Piestochilus) bella** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 74, pl. VI, figs. 15-18
Formation: Cretaceous, Lower Green Marls
Location: Monmouth County, New Jersey
— **conradi** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 71, pl. VI, fig.21; pl. VII, figs. 1-3, 4, 5
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **conradi** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 71, pl. VI, fig. 21; pl. VII, figs. 1-3, 4. 5
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, Mullica Hill, Freehold, Holmdel, and Never sink, New Jersey
— **conradi** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 780, pl. XCII, figs. 6-7; pl. XCIII, figs. 1-3; pl. XCIV, figs. 1-6
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
— **conradi** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 427, pl. XV
Formation: Cretaceous, Monmouth, Magothy
Location: Maryland; New Jersey
— **dumasensis** n. sp. Dall
Smith. Misc. Coll. vol. 50, 1907, p. 16, fig. 4
Formation: Cretaceous, Ripley
Location: Union County, Mississippi
— **eufaulensis** (Conrad) Dall
Smith. Misc. Coll., vol. 50, 1907, p. 14, fig. 1
Formation: Cretaceous, Ripley
Location: Ripley, Mississippi
— **gabbi** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 73, pl. VII, fig. 6; pl. VIII, figs. 1-4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **gabbi** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 73, pl. VII, fig. 6; pl. VIII. figs. 1-4
Formation. Cretaceous, Lower Green Marls
Location: Holmdel and Mullica Hill, New Jersey
— **(Piestochilus) kanei** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 76, pl. VI, figs. 19, 20
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Piestochilus) kanei** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 76, pl. VI, figs. 19, 20
Formation: Cretaceous, Lower Green Marls

Location: Crosswicks near New Egypt, New Jersey
— **lioica** n. sp. Dall
Smith. Misc. Coll., vol. 50, 1907, p. 19, fig. 8
Formation: Cretaceous, Ripley
Location: Eufaula, Alabama
— **(Piestochilus) mucronata** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 75, pl. VI, figs. 12-14
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **(Piestochilus) mucronata** (?) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 75, pl. VI, figs. 12-14
Formation: Cretaceous, Lower Green Marls
Location: Freehold, New Jersey
— ? **nova-mexicana** n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 211, pl. XXIX, fig. 2
Formation: Cretaceous
Location: In sandstone above lignite in upper Fox Hills at Uña de Gata east of the Sandias and at the monocline east of Island Mesa, New Mexico
— **peromata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 428, pl. XVII, fig. 2
Formation: Cretaceous, Monmouth
Location: Maryland
— **ponderosa** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 72, pl. VIII, figs. 5, 6; pl. IX, figs. 13-15
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
— **ponderosa** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 72, pl. VIII, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Cream Ridge, Holmdel, Freehold, Neversink and Eastern Monmouth, New Jersey
— **ponderosa** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 781, pl. XCV, figs. 1-2
Formation: Cretaceous, Navesink marl
Location: New Jersey
— **protracta** n. sp. Dall
Smith. Misc. Coll., vol. 50, 1907, p. 21, fig. 10
Formation: Cretaceous, Ripley
Location: Alabama; Mississippi; Texas
— **retifera** n. sp. Dall
Smith. Misc. Coll., vol. 50, 1907, p. 15, figs. 2, 3
Formation: Cretaceous, Ripley
Location: Kaufman, Texas
— **texana** (Conrad) Dall
Smith. Misc. Coll., vol. 50, 1907, p. 20, fig. 9
Formation: Cretaceous
Location: Kaufman, Texas
— **turricula** n. sp. Dall

Smith. Misc. Coll., vol. 50, 1907, p. 18, figs. 6, 7
Formation: Cretaceous
Location: Dumas, Mississippi

Vulpecula (Blainville) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 433, no pl.

— **reileyi** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 433, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey

Waagenia sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 103, Lám. XXVII, figs. 1-5
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

— sp. indt. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 14, Lám. IV, fig. 11
Formation: Jurassic
Location: Cañon del Toboso, Mexico

Waldheimia catorcensis n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 3, Lám. II, fig.8
Formation: Jurassic
Location: Mineral de Catorce, San Luis Potosí, Mexico

— **imbricata** n. sp. Cooper
Cal. State Mining Bureau Bull. No 4, 1894, p. 51, pl. III, figs. 50, 51
Formation: Cretaceous
Location: California

— sp. Lundgren
Meddelelser om Gönland vol. 19, 1895, p. 195, pl. III, fig.4
Formation: Jurassic
Location: Kap Stewart, East Greenland

— sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 195, pl. III, fig. 5
Formation: Jurassic
Location: Kap Stewart, East Greenland

— sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 174
Formation: Jurassic
Location: Mt. Nathorst, Greenland

Webbina rugoso (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 92
Formation: Cretaceous
Location: Timber Creek, New Jersey

Wormburrow Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 311, pl. XIX, fig. 1
Formation: Cretaceous, Tinton beds
Location: Beers Hill Cut, New Jersey

Xancus (Bolton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 434, no pl

— **alabamensis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 435, no pl.

Formation: Cretaceous, Monmouth, Matawan, Selma
Location: Maryland; New Jersey; Alabama
— **intermedia** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 436, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; Maryland; New Jersey
Xenaspis (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 115, no pl.
Formation: Triassic
— **marcoui** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1915, p. 116, pl. VII, figs. 26-33
Formation: Triassic
Location: California
Xenodiscus (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 122, no pl.
— **multicameratus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 57, pl. XXIV, figs. 5-10
Formation: Triassic
Location: Inyo County, California
— **bittneri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 123, pl. XX, figs. 5-15; pl. XXI, figs. 1-13
Formation: Triassic
Location: Owens Valley, California
— **bittneri** (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 56, pl. I, figs. 5-15; pl. II, figs. 1-13; pl. XXXIV, figs. 1-4
Formation: Triassic
Location: Inyo Range, East side of Owen Valley, California
Xenophora (Fischer de Waldheim) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 494, no pl.
— **leprosa** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 135, pl. XVII, figs. 16-19
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama
— **leprosa** (Morton) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 135, pl. XVII, figs. 16-19
Formation: Cretaceous, Lower Green Marls
Location: Upper Freehold, near Burlington, Crosswicks Creek and Mullica Hill, New Jersey
— **leprosa** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 690, pl. LXXVIII, figs. 1-3
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
— **leprosa** (Morton) (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 495, no pl.
Formation: Cretaceous, Monmouth, Selma
Location: Maryland; New Jersey; Alabama; Mississippi
— **simpsoni** n .sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 133, pl. XXIX, figs. 4-6
Formation: Cretaceous, Pugnellus sandstone

Location: Near Malachite postoffice and in Poison Canyon, Huerfano Park, Colorado on Arkansas River, 20 miles above Pueblo, Colorado
Xylophomya n. gen. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 16, 1902, p. 75, no pl.
Formation: Cretaceous, Laramie group, Triceratops beds
Location: Alkali Creek, Wyoming
— **laramiensis** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 16, 1902, p. 75, pl. XXVIII, pl. XXIX
Formation: Cretaceous, Laramie group
Location: Alkali Creek, Wyoming
Yoldia (Mœller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 518, no pl.
— **arata** (Whiteaves) Davis
Journal Geol., vol. 21, 1913, p. 455
Formation: Jurassic, Slates Springs (Franciscan)
Location: California
— **cliffwoodensis** n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 383, pl. XXX, figs. 3, 4
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
— **diminutive** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 390, pl. XLVII, fig. 2
Formation: Cretaceous
Location: Nanaimo, Vancouver Island
— **evansi** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 21, pl. I. fig. 11
Formation: Cretaceous, Cannonball
Location: Mandan. N. Dakota
— **gabbana** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 520, no pl.
Formation: Cretaceous, Matawan, Monmouth, Ripley
Location: Maryland; New Jersey; Tennessee
— **longifrons** (Conrad) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 381, pl. XXX, fig. 5
Formation: Cretaceous, Woodbury clay
Location: New Jersey
— **longifrons** (Conrad) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 518, pl. XIX, fig. 13
Formation: Cretaceous, Matawan, Eutaw, Ripley, Selma
Location: Delaware; New Jersey; Georgia; Alabama; Mississippi
— **noxoutowensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 521, pl. XIX, fig. 14
Formation: Cretaceous, Rancocas
Location: Delaware
— **papyria** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 382, pl. XXX, fig. 6
Formation: Cretaceous, Woodbury clay, near Matawan, near Haddonfield

Location: Near Matawan and near Haddonfield, New Jersey
— **scitula** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 21, pl. I, figs. 9, 10
Formation: Cretaceous, Cannonball
Location: Moreau Rio, S. Dakota; Long Lake, N. Dakota
— **septariana** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 218, no pl.
Formation: Cretaceous, Eagle Ford shales
Location: Sherman County, Texas
— sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 469
Formation: Jurassic
Location: Vesterdalen at Danmark's Havn.
— sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 469
Formation: Jurassic
Location: Vesterdalen at Danmark's Havn.
— **subelliptica** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 94, pl. XXI, figs. 6, 7
Formation: Cretaceous, Pugnellus sandstone
Location: Poison Canyon, Huerfano Park, Colorado
— **subelliptica** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XXVIII, figs. 6, 7 (no description)
Formation: Cretaceous
Location: New Mexico
— **subelliptica** (Stanton) Shimer and Blodgett
Amer. Jour. Sci., 4th Ser. vol. 25, 1908, p. 63
Formation: Cretaceous
Location: New Mexico
— **thomi** Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 21, pl. I, fig. 12a-12c
Formation: Cretaceous, Cannonball
Location: Near Kayser, N. Dakota

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